

SOUTHERN TEXTILE BULLETIN

VOL. XXIV.

CHARLOTTE, N. C., THURSDAY, OCTOBER 19, 1922.

NUMBER 8

Superior Mechanical Construction Increases Grinnell Dryer Efficiency

The unequalled efficiency of Grinnell Textile Dryers is due in part, of course, to their superior operating principles—to the large volume of moderately heated, slow-moving air, which, where necessary, travels spirally against the material to be dried and insures uniform drying with a minimum of fuel and power.

But the right drying principle alone is not enough. Right mechanical construction is equally essential. Consequently the best thought of our organization has been concentrated on the elimination of those features which make the older types of drying machinery wasteful in operation and costly in upkeep.

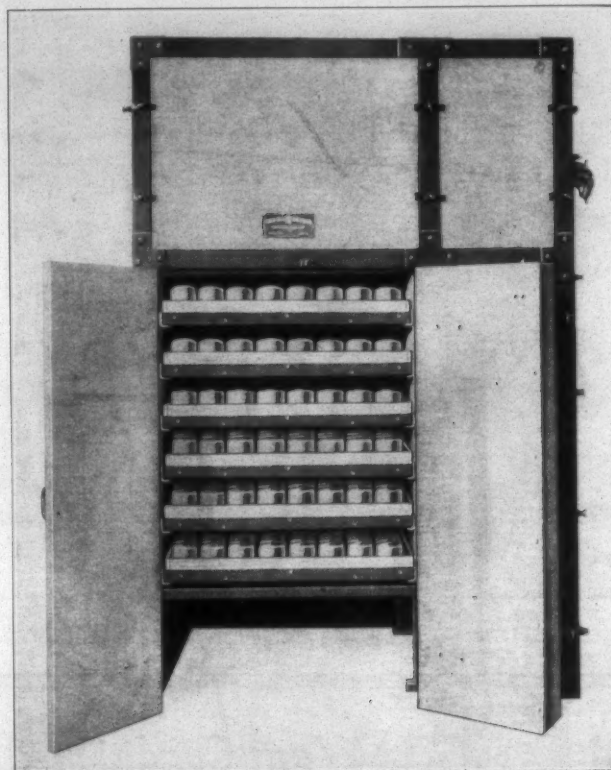
Instead of the one-half inch insulation which is commonly used, panels of Grinnell Dryers are insulated with a full inch of specially selected and prepared air-cell asbestos. The frame-work too is thoroughly insulated.

The housing of the dryer consists of heavy gage pressed-steel forms with panels of two thicknesses of galvanized sheet steel which exactly fit these frames.

The heating coils are made in our own plant. They are designed and placed with the utmost care and before leaving our shops are tested to 175 pounds hydraulic pressure.

Only our knowledge of heating problems, acquired through 70 years of experience, has made it possible for us to embody so successfully the right drying principle into a thoroughly practical and economical machine.

Write for our illustrated booklet, or let one of our engineers explain to you, personally and in detail, how Grinnell Dryers will save you time and money. Address Grinnell Company, Inc., 297 West Exchange St., Providence, R. I.



This dryer especially constructed for drying yarns that have been dyed by the Franklin Process, contains the strength and rigidity that have always been a feature of other Grinnell Textile Dryers.

GRINNELL TEXTILE DRYERS

AUTOMATIC YARN DRYERS

For drying Cotton and Wool Yarn in Skeins.

AUTOMATIC STOCK DRYERS

For drying Cotton, Wool, Hair or Noils.
Carbonizing Dryers for Noils and Rags.

AUTOMATIC LOOPING DRYERS

For drying Cotton Piece Goods, Plush, Carpet,
Toweling and Underwear.

PACKAGE TYPE DRYER

Especially designed for drying yarns dyed by the
Franklin Process

TRUCK YARN DRYERS

For drying Cotton and Wool Yarn in Skeins.

Selling Agents for Southern States:

G. G. Slaughter Machinery Co.
Greenville, South Carolina

GRINNELL COMPANY

Automatic Sprinkler
Systems

Steam and Hot Water
Heating Equipment

Humidifying and
Drying Equipment

Fittings, Hangers
and Valves

Pipe Bending
Welding, etc.

Power and
Process Piping

If it's Drying, take it up with us

Card Clothing

made in the

S O U T H

equal to the

B E S T

Charlotte Manufacturing Co.

CHARLOTTE, N. C.

*Yarn Conditioned to any Per Cent of Moisture
at Practically no Cost*

The JOHNSON Yarn Conditioner

This simple machine attaches directly to the winder and puts into a cone or spool of yarn any per cent. of moisture desired, uniformly distributed. No further conditioning necessary.

Here is what the head of one mill says:

"We have three Foster Winders of 100 spindles each equipped with your conditioning machines for the past four months and we have thoroughly tested same as to conditioning of yarn as it is wound on the cones and we must say that the results have been highly satisfactory. We find that this machine will put in moisture up to 10%.

"The numbers of yarn that we have tested are 24/1, 26/1 and 30/1 soft hosiery yarn.

"We will not hesitate to recommend your machines to anyone for conditioning yarn."

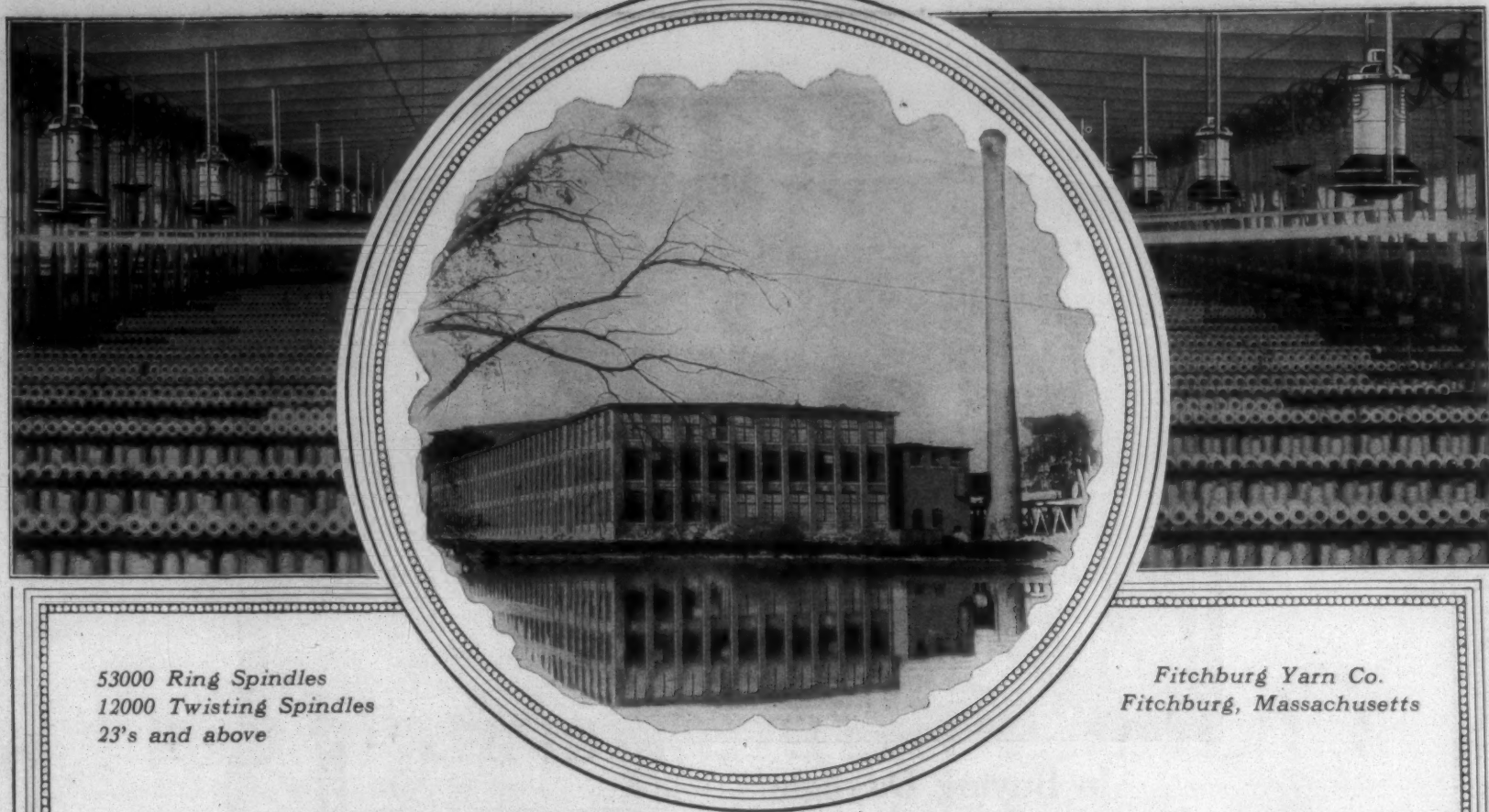
Visit our space at The Greenville Textile Exposition, Greenville, S. C., October 19th to 25th, and let us demonstrate this wonderful new invention.

Owned and controlled exclusively by

Danville Conditioning Machine Co., Inc., Danville, Va.

Salesmen—J. A. Johnson, Clayton Hotel, Charlotte, N. C.

R. Bigham Smith, 104 Clayton Street, Macon, Ga.



53000 Ring Spindles
12000 Twisting Spindles
23's and above

Fitchburg Yarn Co.
Fitchburg, Massachusetts

Improving Yarn through Constant Humidity Conditions

Making Yarn for other people means that uniform product gets a lot of consideration. Making Yarn for other people is not only a study in manufacturing but a study in service. Often yarn that is made in January isn't used until March. Made in January it must be satisfactory in March. More than that, it must be like the product that was used last June.

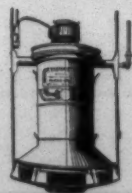
You can take all the care you will in the niceties of yarn manufacture—but if you eliminate consideration of constant humidity conditions, you are leaving out of the equation the greatest variable.

But if you reckon this as one of the factors of your problems, you and your customer can talk the same language. The yarn you made in January and he uses in March will be talked about in terms of regain and weights and counts—and quality.

You as a manufacturer, maybe, can control the size of your yarn. Regain, and thus the weights, the counts—and the quality—are all influenced by humidity. If humidity is constant, what shall we expect, having removed the greatest variable?

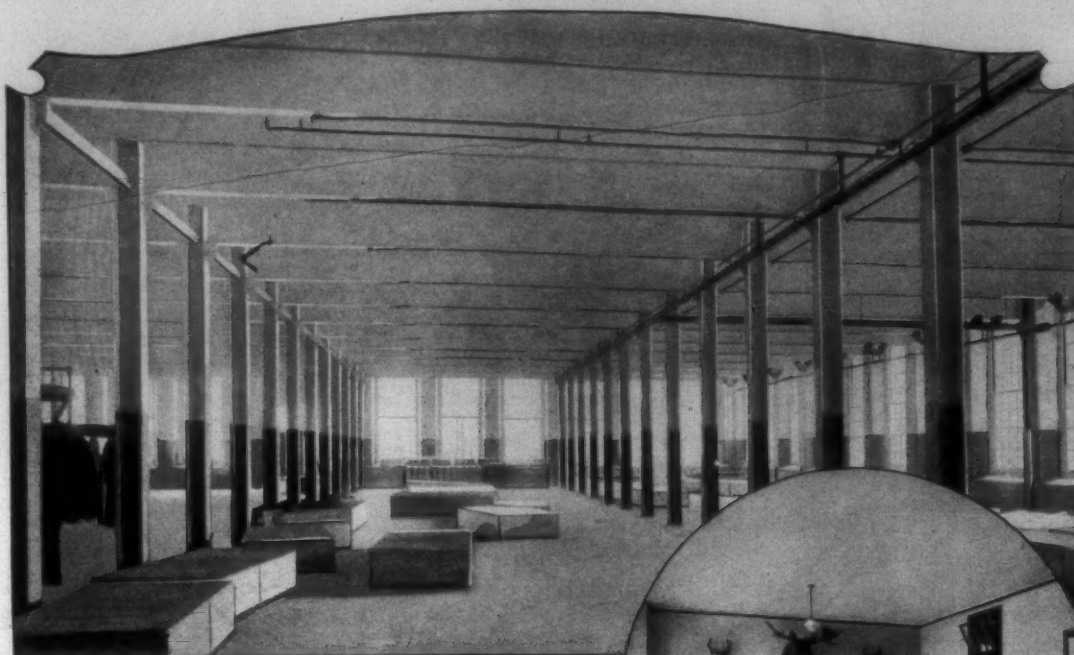
Constant humidity conditions are not only commercially practicable—the want of them causes most of the kicks and adjustments.

Why don't you ask the Fitchburg Yarn management what a study of humidification needs and the installation of a modern Park-Spray apparatus—automatically controlled—did for them? They had a humidifying system of well known make. But it was installed in 1905—and since 1905 there has been a lot of data classified and tabulated. Maybe it's only waiting in a pigeonhole for you. And then you could profit too!



Parks-Cramer Company
Engineers & Contractors
Industrial Piping and Air Conditioning
Fitchburg Boston Charlotte





In Buying Daylight Quantity Determines Quality

A Message to Executives

WHEN buying a mill white, the chief consideration is the amount of daylight that it will reflect inside your workrooms. Dixielite attracts the maximum of light, and distributes it evenly to the furthest and darkest corners.

This is because Dixielite is white. Not a near white, but a pure, rich white that will not discolor or grow dim with time. For Dixielite is the longest-wearing mill white that you can buy.

It dries with a hard finish that will not chip, crack, or peel. It is washable. Soap and water keep it brilliantly new.

Dixielite is a product with over seventy years of paint-making experience back of it. Its superiority has been proved by thousands of executives.

It is the perfect white finish for walls and ceilings of mills, factories, and warehouses. Dixielite comes in flat, semi-gloss and gloss finishes. Complete information about Dixielite is contained in our Booklet "Keeping in the Spotlight" No. 55. Will you write for it today?

WADSWORTH, HOWLAND & CO., Inc.
Paint and Varnish Makers
BOSTON, MASS.

New York Office
211-219 Forty-Seventh St.
Brooklyn

Southern Office
Greenville, S. C.

Philadelphia Office
1524 Chestnut Street

Branch Stores in All Principal Cities

DIXIELITE



See the Wadsworth Howland display at the Southern Textile
Exposition, Greenville, S. C. Oct. 19-26. Booth 431

Distinctive Loom Reeds



Reduce your shuttle costs!

Weave better fabrics!

The finish of your woven goods largely depends upon the reed used in weaving.

Our quality reeds assure the best results.

You have our guarantee of satisfaction.

Inquiries regarding our prices or products respectfully solicited.

Suter Leno Reeds
Leice Reeds
Warper Reeds
Double Reeds
Cross Dent Reeds
Fan Reeds
Webbing Reeds
Soldered Reeds
And Fancy Reeds
of every description
Slasher Combs
Striking Combs
Double Combs
Expansion Combs
Beamer Hecks
Dresser Hecks

North Carolina Reed Company

HIGH POINT, N. C.



Maintaining Uniform High Quality

The reason that Mathieson Chemicals are recognized the highest standard of quality is that each step in their manufacture, from the raw material to the finished product, is under the constant observation of chemical engineers and each step is tested carefully for purity and uniformity.

You will never make a mistake when specifying Mathieson in ordering any of the following:

LIQUID CHLORINE: 100% Pure Anhydrous, shipped in 105, 150 and 2,000 pound containers. Used in practically every bleaching operation where bleaching powder is used.

BLEACHING POWDER: The highest test and most stable bleach manufactured. Shipped in 225 lb., 300 lb., 450 lb., and 750 lb. steel drums. Special drums for export; wooden lined, containing 400 lbs.

SODA ASH: 58% Pure Alkali, both light and dense. Shipments in bulk, bags and barrels.

CAUSTIC SODA: 60, 70, 74, 76% Fused—Ground—Flaked. 78% Solid—99½% Pure—

Castner Electrolytic Process. Shipments of Solid in steel drums; Ground and Flaked in barrels and drums.

VIRGINIA SODA: (Sesquicarbonate of Soda) A beautiful white crystalline neutral soda, uniform in character and action. The finest neutral textile soda for scouring and washing. Shipment in barrels and bags.

BICARBONATE OF SODA: Purest grade, powdered or granular. Shipments in bags, barrels, kegs and cases.

CHLORINE SOLVENTS: Tetrachlorethane Ethylene, Chloride and others.

If you have a problem to solve, our Technical Service Department is at your service without obligation.

Shipments made from centrally located stocks located in different parts of the South. Write, wire or phone our Southern office at Charlotte. Demonstrator gladly sent to your mill on request.

THE MATHIESON ALKALI WORKS, (Inc.)
Executive Offices: 25 West 43rd St., New York City

Mathieson Chemicals

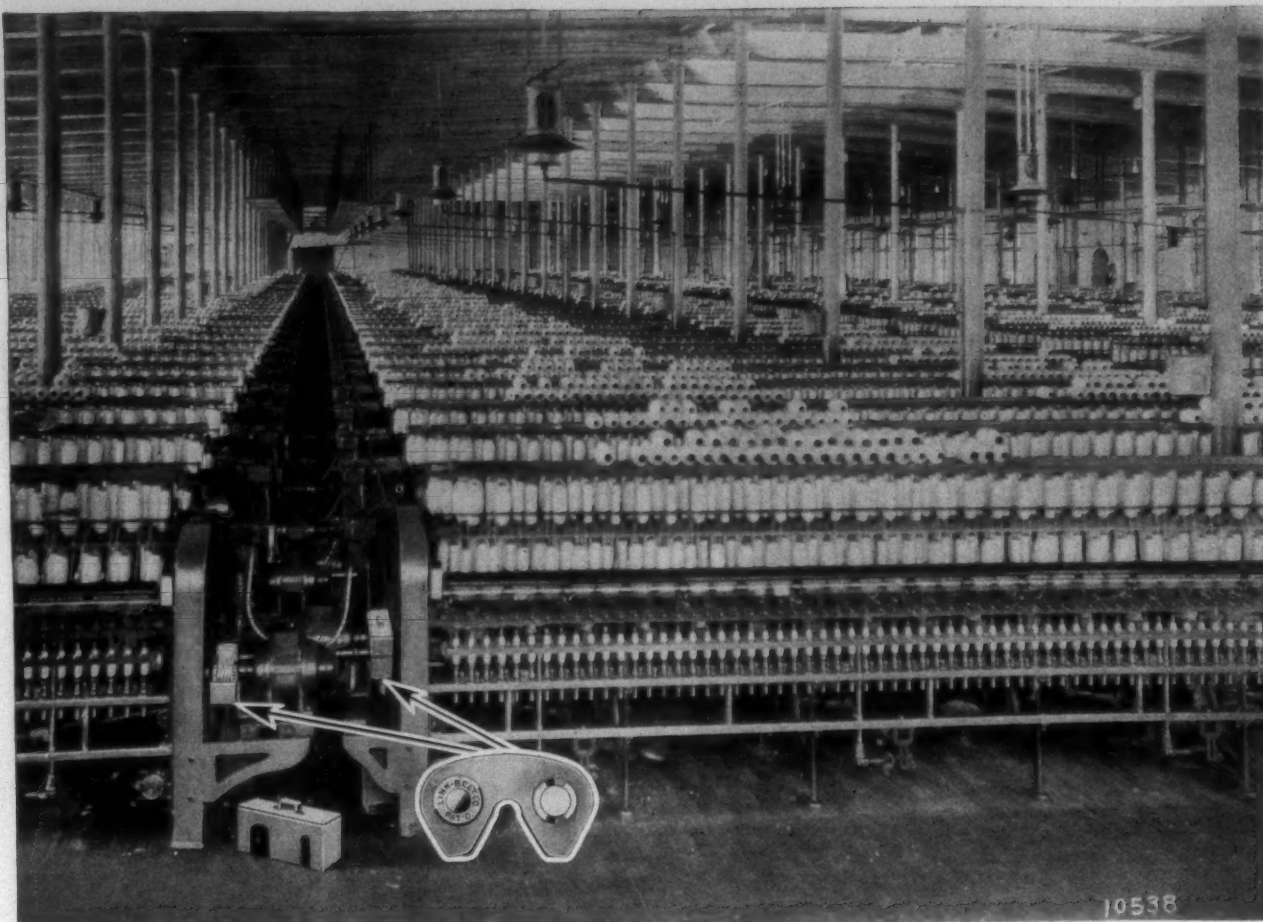
Southern Sales Office:
Commercial National Bank Bldg.,
Charlotte, N. C.

Works:
Saltville, Va., and
Niagara Falls, N. Y.

EAGLE-THISTLE
BRAND



Branch Offices:
327 LaSalle St., Chicago, Ill.
911 Hospital Trust Bldg.,
Providence, R. I.
525 Widener Bldg.,
Philadelphia, Pa.



GETTING THE MOST OUT OF YOUR EQUIPMENT?

SPINNING machinery is costly. It represents a big investment. Your returns on this investment are dependant on two factors—labor and the machine's efficiency.

You cannot always control the productiveness of your help. But you can govern the efficiency of your machinery.

Much depends upon your method of power application. Many mills use Link-Belt Silent Chain Drives, which give them maximum production, for Silent Chain Drives never slip, as do belting. This steady, positive application of power results in a more uniform, better product.

Link-Belt Silent Chain Drives permit short-center drives, thus saving valuable floor space. They also enable you to get great speed reductions without loss of power due to belt slippage. Link-Belt Silent Chain Drives are "Flexible as a Belt—Positive as a Gear—More Efficient than Either".

Put your power transmission problems up to our experienced textile drive engineers. Their advice will cost you nothing—may save you much. You will be interested in our book No. 425 entitled "The Ideal Drive for Textile Machinery". Send for a copy.

1017

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LINK-BELT

SACO - LOWELL

TEXTILE MACHINERY

LARGEST BUILDERS IN AMERICA

Cotton, Cotton Waste, SPUN SILK, Worsted, and Jute, Machinery

Those who attend the Fifth Southern Textile Exposition in Greenville, S. C., will find a welcome at our Greenville office in the Masonic Building. There will always be a representative ready to discuss your plans and problems with you.

In cotton machinery we build:

Opening, Conveying and Mixing Equipment, Pickers, Cards, Drawing Frames, Roving Frames, Spinning Frames, Spoolers, Warpers, Slashers, Complete Equipments of Waste Reclaiming Machinery Card Strippers. Flyers, Spindles, Rings, Hank Clocks.

We maintain in Charlotte, N. C., Complete Repair Shops, for reclothing card flats and rewinding lickers-in

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ROGERS W. DAVIS

Charlotte, N. C.
Branch Southern Office
Greenville, S. C.

Saco-Lowell Shops

77 Franklin Street
Boston, Mass., U. S. A.

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Whitehead, Emmans, Ltd.

Montreal, Canada

Our New Tank, *DELAHUNTY*
Raw Stock Dyeing and Bleach-
ing Machines with Electric Un-
loading Device is the best
Machine you can buy.

We want you to investigate our
One and Two Beam Dying and
Bleaching Machine. Write for
catalog and prices.

We specialize in complete dye
house equipment

FRED H. WHITE, Agent

Charlotte, N. C.

Also Agent for Tolhurst Extractors, Sargent Dryers.

SPINNING RING SPECIALISTS SINCE 1873

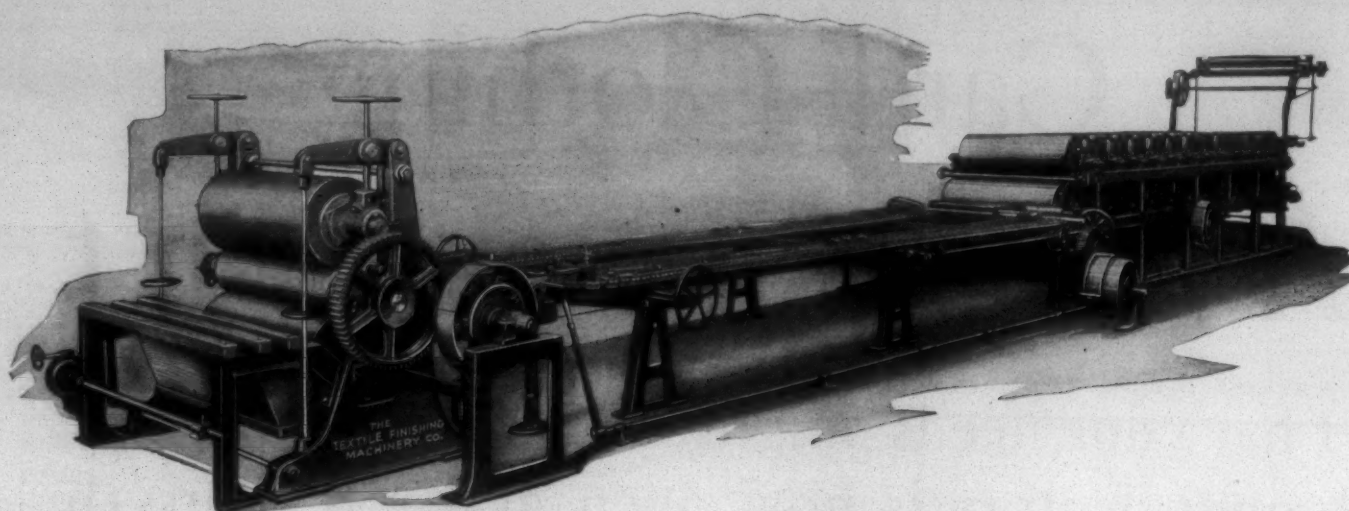
SPINNING RINGS
TWISTER RINGS
SILK RINGS



DIAMOND FINISH

TRAVELLER CLEANERS
TRAVELLER CUPS
GUIDE WIRE SETS

**WHITINSVILLE
SPINNING RING CO.
WHITINSVILLE, MASS.**



The above illustration consists of:

One Three Roll Starch Mangle, containing two wood rolls 50 in. on the face by 28 in. diameter and one middle brass roll 50 in. on the face by 10 in. diameter. Pressure by compound levers and screws.

Drive by expansion pulley through pinion and gear.

One 22-foot straightaway automatic clip tenter to take goods from 20 in. to 50 in. in width.

Drive by tight and loose pulley.

One 25 cylinder horizontal dryer with copper cylinders, 23 in. diameter by 50 in. face, with cast iron heads and detachable bolt on journals mounted on our latest type screw cap journal bearings on cast iron framing.

Drive by cut gears and pinion and expansion pulleys.

A folder is shown at the delivery end for plaiting down the goods.

The floor space required for this range is 65 feet long by 16 feet wide.

Your Enquiries Solicited

YARN FINISHING MACHINES

SLASHERS
WARP DRYERS
WARP DYEING
MACHINES
WARP MERCERIZERS
WARP SPLITTERS
WARP BOILING-OUT
MACHINES

MAIN OFFICE AND WORKS
PROVIDENCE, R. I.

NEW YORK OFFICE
30 CHURCH ST.

THE
TEXTILE-FINISHING
MACHINERY
CO

CANADIAN REPRESENTATIVE
WHITEHEAD ENMANS, Ltd.
MONTREAL

SOUTHERN REPRESENTATIVE
H. G. MAYER
CHARLOTTE, N. C.

CLOTH FINISHING MACHINES

SINGERS
KIERS
SCUTCHERS
MANGLES
PADDERS
DRYERS
DYEING MACHINES
TENTERS
AGERS
COLOR KETTLES
SPRINKLERS
CALENDERS

Card Clothing Announcement

That your needs might be better served, our branch factory is now open at 121 S. Forsyth St., Atlanta, Ga. There you will find complete stock of cylinder, doffer, stripper, burnisher and emery fillets, ready for immediate delivery.

Top Flats Recovered

A complete equipment is installed for re-covering promptly, all flats, and in case of need, there are extra sets of flats that can be loaned while your flats are in transit.

Your orders are also solicited for napper clothing, wire heddles and stripping cards.

Southern Agent
E. M. TERRYBERRY
1126 Healy Bldg, Atlanta, Ga.

Asst. Southern Agent
GUY L. MELCHOR
121 S. Forsyth St., Atlanta, Ga.

Howard Bros. Mfg. Company

"Better Card Clothing"

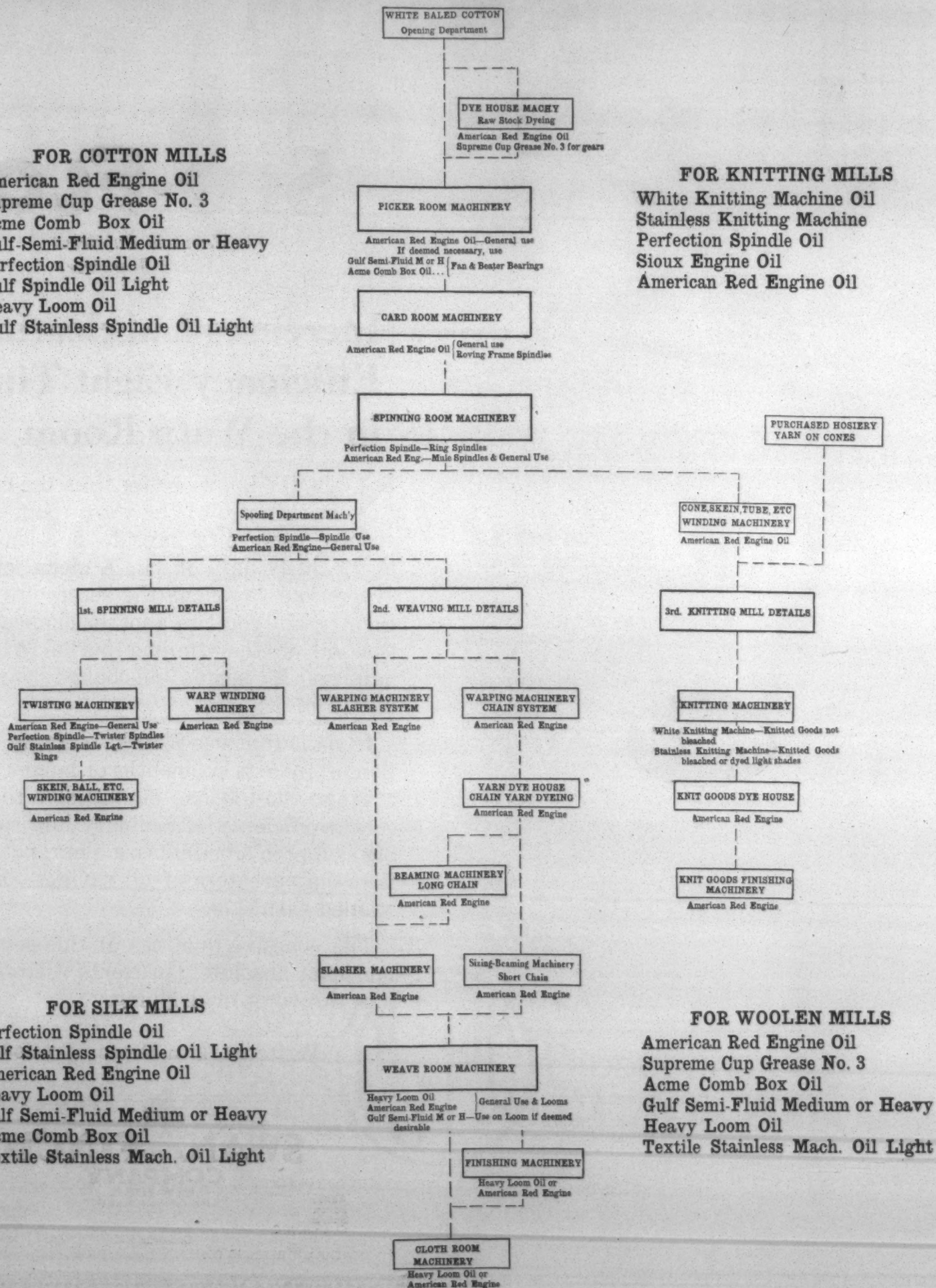
Home Office and Factory

WORCESTER, MASS.

GULF REFINING COMPANY'S SYSTEM OF TEXTILE LUBRICATION

FOR COTTON MILLS

American Red Engine Oil
Supreme Cup Grease No. 3
Acme Comb Box Oil
Gulf-Semi-Fluid Medium or Heavy
Perfection Spindle Oil
Gulf Spindle Oil Light
Heavy Loom Oil
Gulf Stainless Spindle Oil Light



FOR KNITTING MILLS

White Knitting Machine Oil
Stainless Knitting Machine
Perfection Spindle Oil
Sioux Engine Oil
American Red Engine Oil

FOR SILK MILLS

Perfection Spindle Oil
Gulf Stainless Spindle Oil Light
American Red Engine Oil
Heavy Loom Oil
Gulf Semi-Fluid Medium or Heavy
Acme Comb Box Oil
Textile Stainless Mach. Oil Light

FOR WOOLEN MILLS

American Red Engine Oil
Supreme Cup Grease No. 3
Acme Comb Box Oil
Gulf Semi-Fluid Medium or Heavy
Heavy Loom Oil
Textile Stainless Mach. Oil Light

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"Better Card Clothing"

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WORCESTER, MASS.

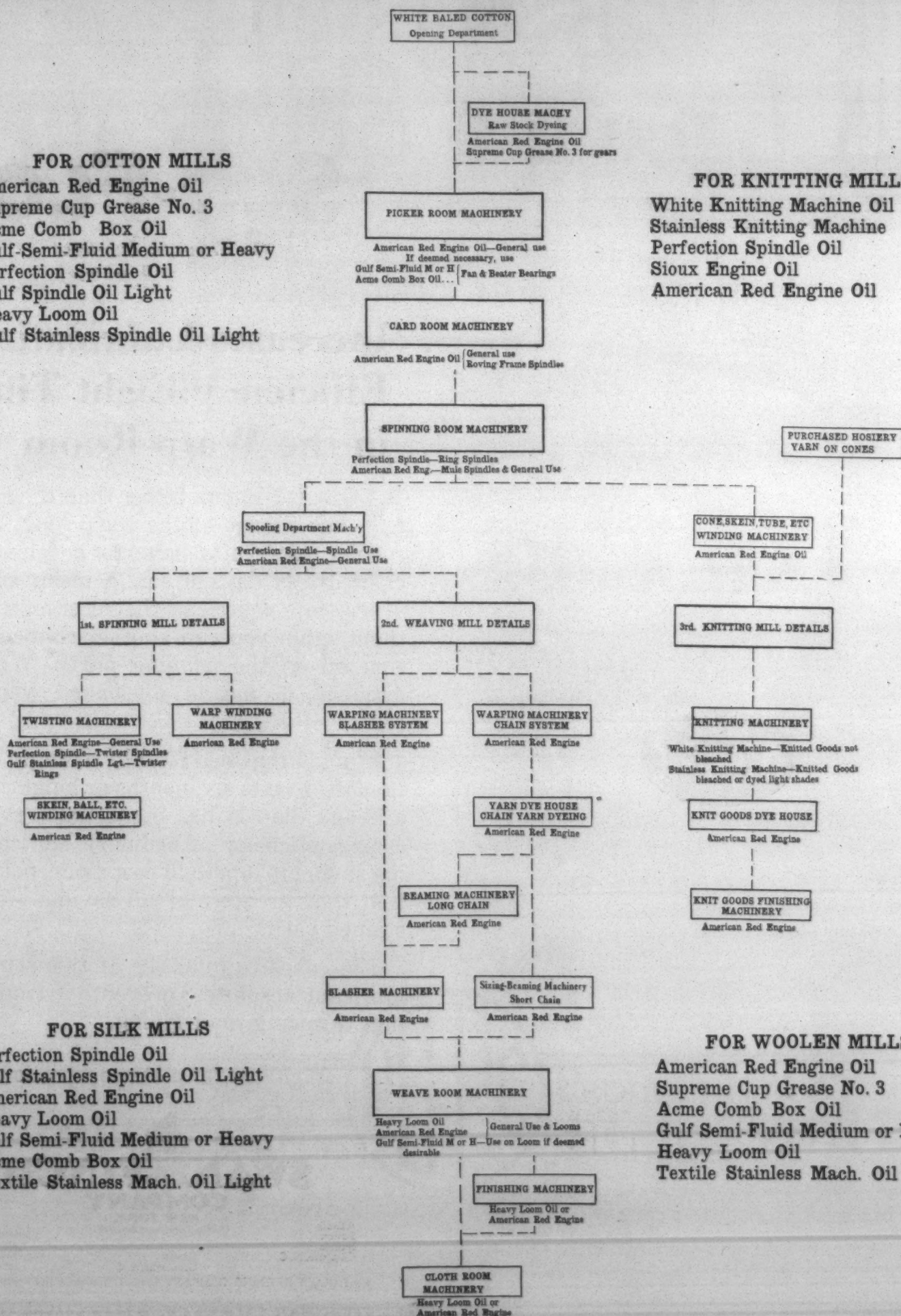
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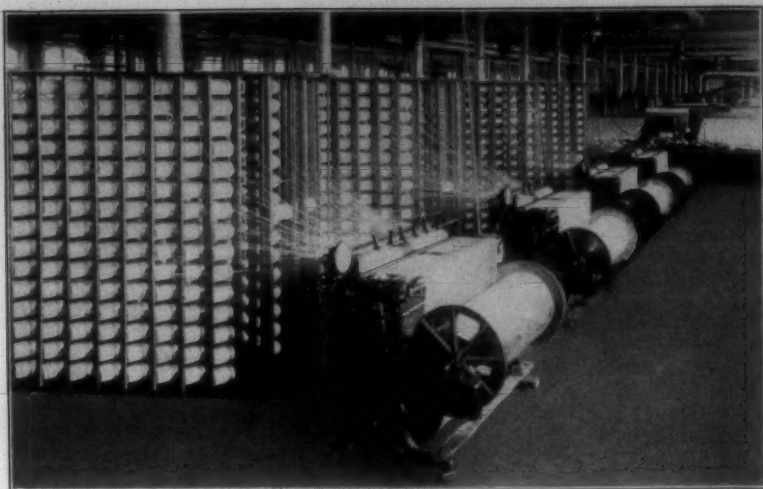
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 American Red Engine Oil
 Supreme Cup Grease No. 3
 Acme Comb Box Oil
 Gulf Semi-Fluid Medium or Heavy
 Heavy Loom Oil
 Textile Stainless Mach. Oil Light





SLO-FLO

*The Scientific Lubricant
for Textile Machinery*

Increases Lubricating Efficiency Eight Times in the Warp Room

NOBODY knows better than the man who has charge of the warp room that the spooler reservoirs have to be cleaned out every thirty days or so. A mean job. And every time you clean the reservoirs and fill them again you run another chance of getting oil on the running parts. When this happens it means oil-soaked yarn, and plenty of it!

In mills that use Slo-Flo, a single lubrication often lasts six months or longer. On the average Slo-Flo has eight times the lubricating efficiency of ordinary lubricants. A big saving in lubricant cost alone, not to mention that greatest of all savings—no more stained yarn!

The cohesive qualities of this semi-liquid lubricant absolutely prevents it from crawling, throwing or dripping.

Write us for a Demonstration.



SWAN AND FINCH
COMPANY
NEW YORK
Quality Lubricants Since 1853

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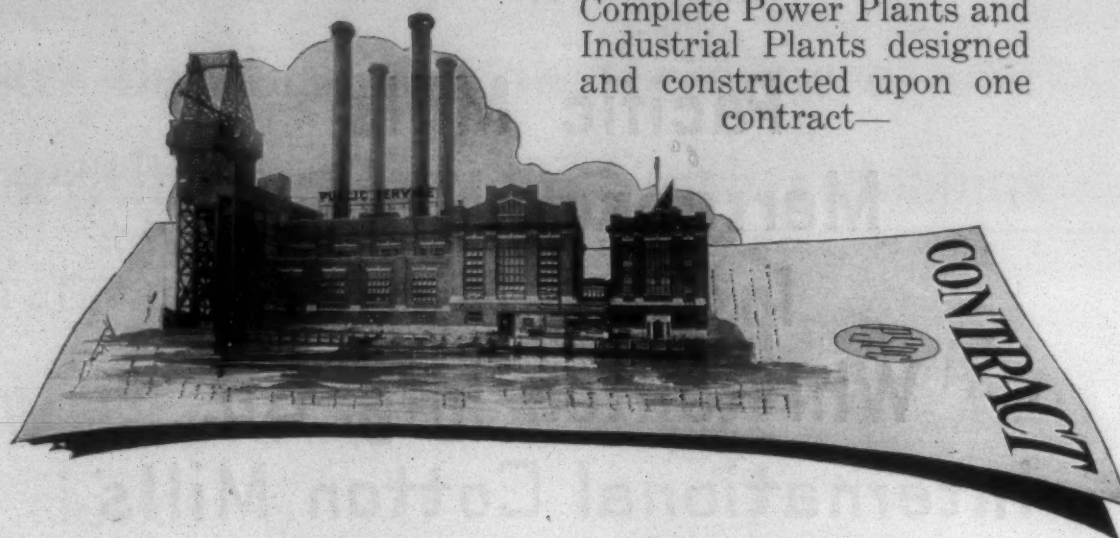
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CATARACT REFINING COMPANY, Limited, Toronto, Can.; London, Eng.

SCIENTIFIC LUBRICANTS for SCIENTIFIC LUBRICATION

A NEW ENGINEERING SERVICE



Complete Power Plants and Industrial Plants designed and constructed upon one contract—

This Engineering and Construction organization which has served for many years one of the largest Utilities Companies in the East is now made available to all Central Stations and Industrial Plants.

TEXTILE MILLS

Our organization contains textile experts and we are in a position to design, construct and equip the most modern type of textile mills. We are familiar in detail with power requirements and methods of drive.

INDUSTRIAL

We are prepared to estimate, design and construct complete industrial plants or extensions to existing facilities, including power generation and utilization. Our study of the economic questions involved in the use of Central Station

Power and the operation of individual generating plants, extends over many years and covers a wide diversity of industries. We can be particularly helpful in decisions on this subject.

HYDRO-ELECTRIC

Members of our Engineering Staff are competent by long study and experience to investigate, design and construct hydro-electric developments.

We invite inquiries

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PRODUCTION Co.

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Engineers and Constructors

LAWRENCE & CO.

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Pacific Mills
Merrimack Mfg. Co.
Ipswich Mills
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International Cotton Mills
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the World's foremost makers of Printed, Dyed and Bleached Cotton Goods of every description, Cotton Warp and All-Wool Dress Fabrics, Corduroys, Fustians, Plushes, Khakis, Velveteens, Grey Plain Cloths, Gingham, Full and Crib Size Cotton Blankets, and Men's Women's and Children's Seamless Hosiery, Shoe Linings, Cotton Yarns, Sateens and Moleskins, Army, Shoe, Hose, Belting, Sail, Wide and Waterproof Ducks, Combed and Carded Square Woven and Cord Tire Fabrics, Press Cloths, Filter Twills, Awning Stripes, etc., exactly adapted for both Domestic and Foreign requirements in every respect.

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Filling Bobbins—for plain and automatic looms

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Skewers and Rolls

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True Running
Warp Bobbins
a Specialty

*You are cordially invited to visit our exhibit, Southern
Textile Exposition, October 19-26. Spaces 537-538-539*

The Dana S. Courtney Co.

CHICOPEE, MASS.

Southern Agent A. B. Carter, Gastonia, N. C.

Andrews Loom-Reed and Harness Works

SPARTANBURG, S. C.

Manufacturers of

Loom-Reeds

Loom-Harness

Slasher Combs

*Acme Loom-Harness
and Reed Company*

GREENVILLE, S. C.

Manufacturers of

Loom-Harness

Loom-Reeds, Etc.

*The Loom-Reed and
Harness Company*
CHARLOTTE, N. C.

Manufacturers of

Tempered Carbon
Steel Reeds

Standard Cotton Mill Reeds
Duck Weaving Reeds

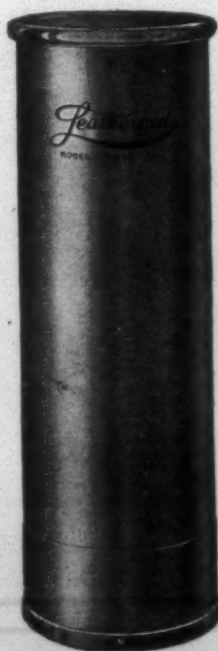
All Metal Construction

"We Know our Fibre Because we Make It"

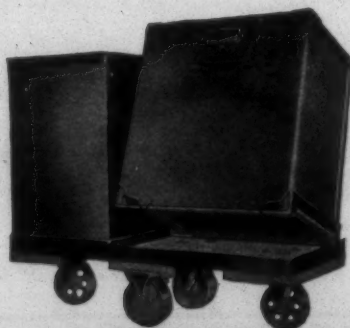
Leatheroid

THE FIBRE MILL EQUIPMENT THAT LASTS

Catalog Sent On Request



Style No. 1 Seamless Roving Can. Patented rolled fibre top. Equipped with 6-in. seamless kicking band. Steel bottom reinforced with steel ring. Style No. 2 made with polished steel top.



Combination Duffing Car. Has Fixed and loose box Casters with self-oiling wheels.



Style No. 2 Warehouse Truck. Steel clad, lined with Leatheroid Fibre. Steel over wood top rim. Ribbed steel bottom band. Caster with self-oiling casters.



Style No. 3 Mill or Factory Box. Steel over wood top rim. Metal cut-in handle. Hardwood shoes with special steel protecting corners.

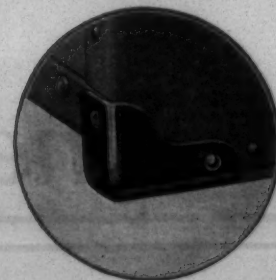


Illustration of special steel protecting corner nagle

ROGERS FIBRE COMPANY

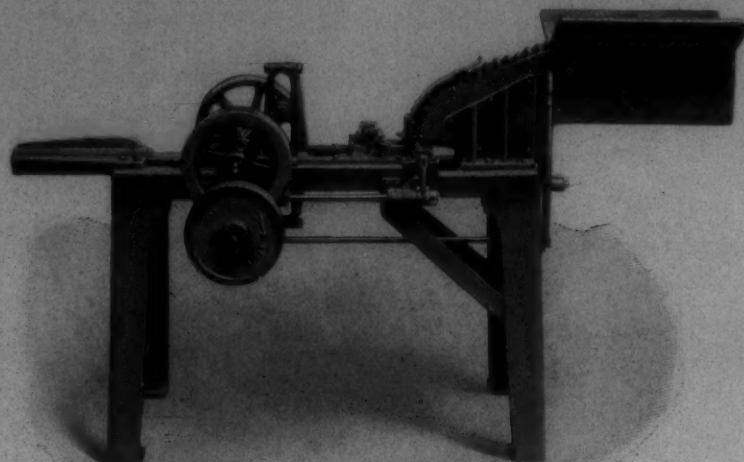
1024 Filbert Street, PHILADELPHIA, PA.

SOLD BY SOUTHERN SUPPLY HOUSES

211 Beach Street, Boston, Mass.

43 West 16th St., New York

**UTSMAN
QUILL CLEANING
MACHINE**
for Feeler Bobbins



**TERMACO
BOBBIN CLEANING
MACHINE**
for Roving Bobbins

Single-End UTSMAN bobbin cleaning machine. Either equipped for clutch (as shown) or motor drive. About 40,000 feeler bobbins daily capacity.

See These Cost Cutting Machines At Greenville, October 19th to 25th

You will find Utsman and Termaco Machines at the Southern Textile Exposition on the first floor of the Exposition Hall, spaces 155 to 161, inclusive.

Members of our Engineering Department will be in constant attendance and will gladly go into detail with you to explain the many cost cutting features of the machines.

Utsman Quill Cleaning Machines during the past five years have been giving satisfactory service in hundreds of mills in the United States and Canada. Utsman Quill Cleaning Machines have reduced the number of laborers from four to twelve people. They cut down quill cost as they do not damage quills to the extent that hand cleaning damages them.

Termaco Bobbin Cleaning Machines, for cleaning roving bobbins, operate with the same sturdy efficiency as do the Utsman Quill Cleaning Machines for feeler bobbins.

Even if you are not prepared at the present time to install Utsman or Termaco Machines, you will be interested in seeing them and in seeing why they are easy and inexpensive to operate and maintain.

May we have the pleasure of seeing you at spaces 155 to 161? If you are unable to attend the Exposition, your inquiry by mail will be given prompt attention by our Engineering Department. Consultation does not in any way obligate you.

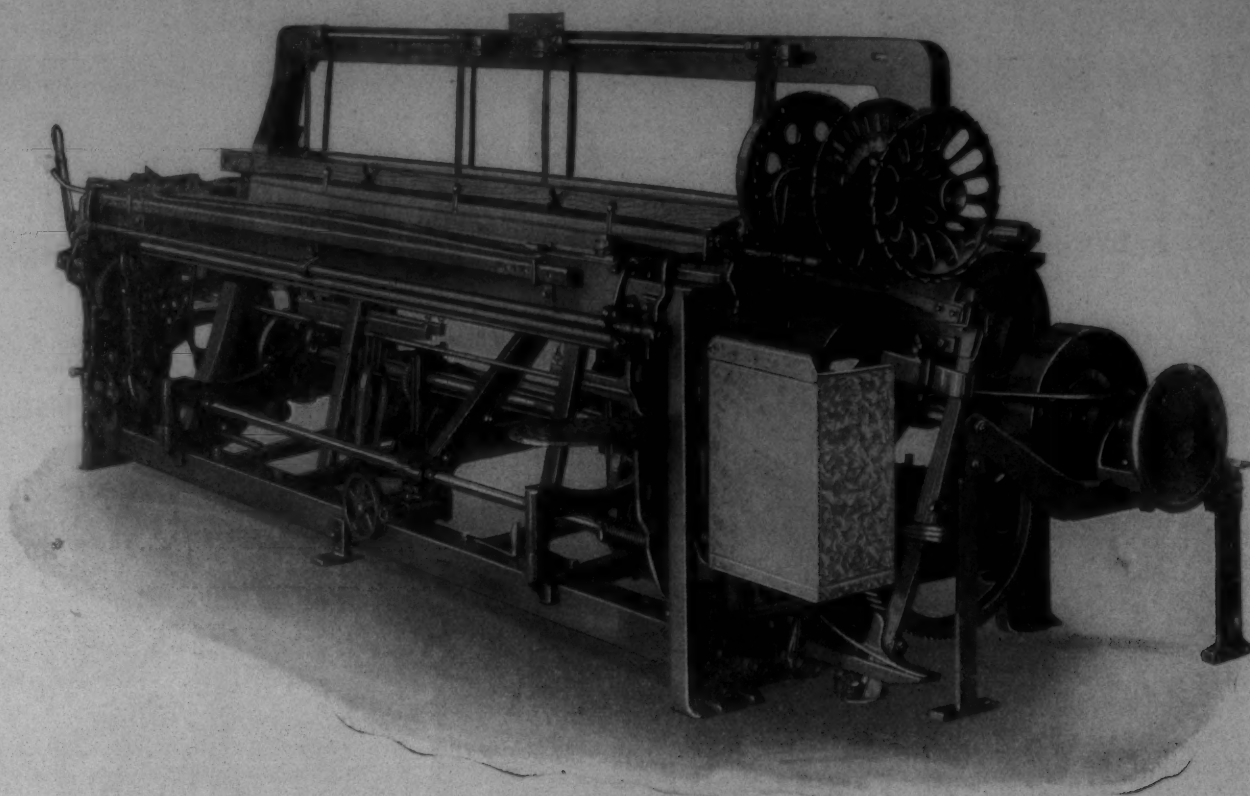


The TERRELL MACHINE COMPANY, Inc.

Engineering Department

CHARLOTTE, N. C.

Every machine, trade-marked "TERMACO" is sold under a binding guarantee as to workmanship, material and operation.



Nordray Broad Loom

The Latest Automatic.

This wide sheeting loom was built to embody all the good features of standard looms and also to fit upon parts used on standard looms. It has had many improvements in design to prevent former wear and breakage. It has Hyatt Roller Bearings and Cut Beam. It has a new stripper motion and a new warp-stop motion. It is already in use in two well known mills.

BUILT BY,

HOEPDALE MFG. CO.,

MILFORD, MASS.

5 REASONS WHY FOR HOCKADAY

1. Covers maximum wall surface per gallon.
2. *Two* coats do the work of *three* coats of inferior paint.
3. *Hockaday* is the most *efficient* interior paint.
4. *Hockaday* is the most *economical* interior paint.
5. *Hockaday* is the most *durable* interior paint.

SPECIFYING Hockaday for your interior finishes is choosing the best to be had in interior paints. Hundreds of satisfied users gladly acclaim this fact.

Hockaday actually saves dollars and cents—because Hockaday lasts. It stands the severest test—the test of time! And Hockaday can be *washed*! Stains, dirt, finger-prints, grease and ink can be removed from a HOCKADAY surface by a simple washing. Using an abrasive soap will not harm the finish.

You, who are interested in painting should send for the Hockaday book—"Paint Mileage". It's brim full of vital painting facts—and it tells the whole story of Hockaday. It will be sent you free on request, No obligation whatever.

The HOCKADAY Company
1823-1829 Carrol Ave. CHICAGO

V.M. MONTGOMERY
PRES. & TREAS.

REN W. MONTGOMERY
ASST. TREAS.

W.B. LAWSON
SECT.

PACOLET MANUFACTURING CO.

TRADE MARK

BROWN SHEETINGS AND DRILLS.

MILLS NOS. 3 AND 5 PACOLET S.C.
MILL NO. 4 NEW HOLLAND, GA.

SPARTANBURG, S.C.

Mr. O. H. Johnson,
Newberry, S. C.

Dear Sir:-

We have used Hockaday's Interior Wall Finish on our Mill Cottages for the last five years, having used about three cars during that period, and same has given us entire satisfaction.

We consider same as good as any inside paint on the market.

Yours very truly,


Pacoleet Mfg. Company.

By *J.B. Montgomery*

MILLS NOS. 3 AND 5
PACOLET, S. C.

August 2nd 1922

JBM/J.



HOCKADAY

THE WASHABLE FINISH FOR ALL INTERIORS

U S Bobbin & Shuttle Company

57 Eddy Street

Providence R. I.

Manufacturers of

Speeders, Skewers, Warp Bobbins, Filling Bobbins
Cap Spinning Bobbins, Northrop Loom
Bobbins, Twister Bobbins, Twister
Spools, Warper Spools, Comb-
er Rolls, Quills, Under-
clearer Rolls.

(plain or covered)

S h u t t l e s

Our "STETSON" patented hand threading shuttle is the best on the market. Repeat orders attest to its merits. Will be pleased to furnish samples upon request.

We also make shuttles for Draper, Stafford and Crompton & Knowles Looms, and would be glad to furnish samples on request.

*Correspondence solicited on all matters relating to
Bobbins for Textile Mills*

Spaces 500-504, 525-529 Southern Textile Exposition.

You have added \$10,000 to the Value of my plant

Such was the comment of a mill owner
after his plant had been painted

The Sherwin - Williams Way

What is the Sherwin-Williams way?

Briefly, it is a method of providing light in mills by the application of white paint.

The white paint used is S-W Eg-Shel, a product so made that it **diffuses** light instead of **reflecting** light. **Diffused** light is bright but soft. Reflected light produces a combination of dazzling glare and heavy shadows.

But the paint used is only a part of the S-W method.

One coat of S-W Eg-Shel will make a black wall white, reducing the cost of applying it **two-thirds**. Check up your painting bills and see what that means.

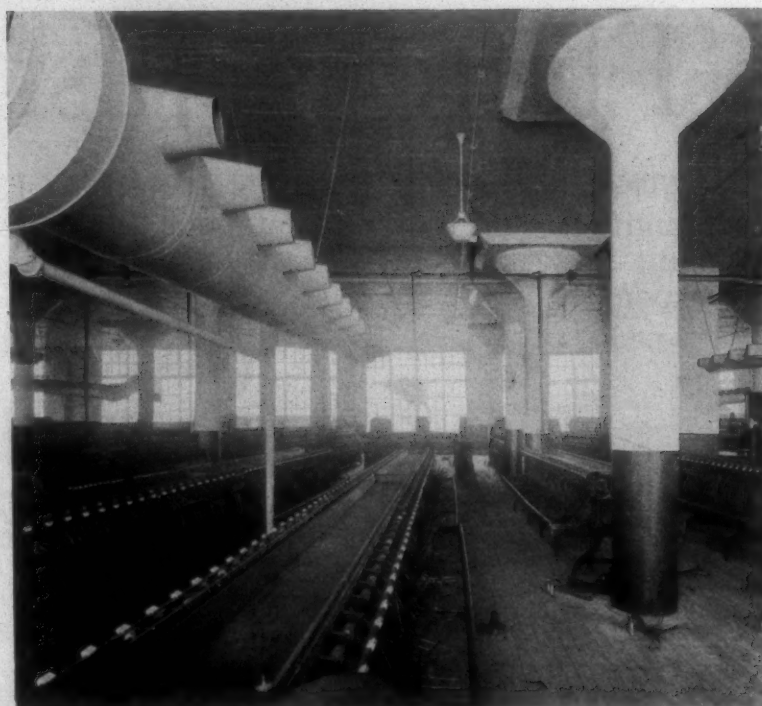
S-W Eg-Shel can be applied without interrupting the operation of your mill.

When S-W Eg-Shel becomes soiled as any white paint will in time, it is as cheap and as easy to spread another white coat as it is to wash off the dust and dirt and you have newly-painted, white walls instead of gray walls.

S-W Eg-Shel is put up in 5 gallon cans, opened only as needed, thus making possible a great saving in paint, and in many cases reducing mill insurance.

If you are interested in saving half your present lighting cost, preserving the eye-sight of your operators, preventing imperfections in their work, enjoying permanent diffused light without interrupting the operation of your mill, then

See the Sherwin-Williams Exhibit,
Space 543 and 544,
Southern Textile Exposition,
Greenville, S. C.



*One of the many important mills in all sections
of the country finished throughout with*

SHERWIN-WILLIAMS
EG-SHEL
Factory Paint

SHERWIN-WILLIAMS PRODUCTS

The Sherwin-Williams Co.

Main Office 601 Canal Road, N. W. Cleveland, Ohio

*Offices at Atlanta, Baltimore, Richmond, Philadelphia,
Newark, Albany, Boston*



TELEPHONES 546 AND 391

MIDLAND CHEMICAL LABORATORIES, INC.

Our plant covers an entire block, from Harrison to Salina Sts.

There is Just one Reason

The only reason MIDLAND PINE CLEANSER is Standardized by the largest Manufacturing Plants throughout the United States, is owing to the fact that every plant is seeking Efficiency, Economy and Curtailment of over head Operating Expenses.



MIDLAND PINE CLEANSER is virtually a 4 in 1 product, since its intended use is, i. e., Scrubbing, Mopping, Spraying and Sprinkling. Pine Oil being soluble, it also acts as a Disinfectant and Deodorant.

Remember if you require common Soap and Water, our MIDLAND PINE CLEANSER will be of superior Service in your plant and will take care of all your requirements at less expense and keep your factory and offices clean and healthful.

MIDLAND PINE CLEANSER in operative cost is approximately one penny per gallon or about 1-8 cent per pound in comparison with Common Hard Soaps or Powders.

We invite your inquiry and request for samples without cost or obligation. All our products are GUARANTEED.

Manufactured only by

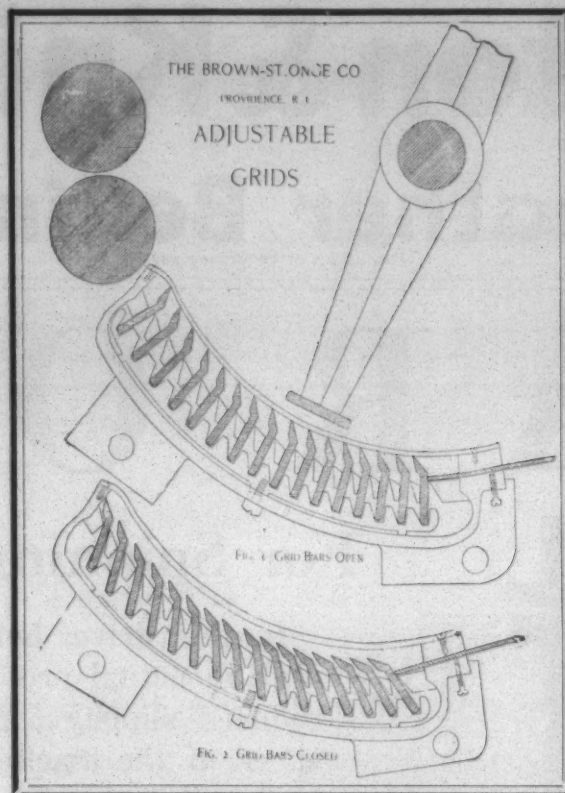
Midland Chemical Laboratories, Inc.

Largest Exclusive Manufacturers
of
BASIC SANITATION PRODUCTS

Dubuque, Iowa, U. S. A.

This device increases
cleaning in the picker
room, regardless of
what you are now
equipped with.

More Motes Extracted
Cleaner Laps for Cards



No Broken Motes
in Picker Room
Less Work for
the Cards
Eliminates Specks
Reduces Fly and
Sweeping
No Cotton Wasted

A Few Of Our Southern References

D. E. CONVERSE MFG. CO.	GLENDALE, S. C.	KLUMAC COTTON MILLS	SALISBURY, N. C.
DIXIE COTTON MILLS	LAGRANGE, GA.	LANETT COTTON MILLS	LANETT, ALA.
DUNSON MILLS	LAGRANGE, GA.	LANGLEY MFG. CO.	LANGLEY, S. C.
DURHAM COTTON MFG. CO.	DURHAM, N. C.	LYNCHBURG COTTON MILL	LYNCHBURG, VA.
EASLEY COTTON MILL	EASLEY, S. C.	MARTINSVILLE COTTON MILL	MARTINSVILLE, VA.
ENOREE COTTON MILL	ENOREE, S. C.	MASON COTTON MILL	KINGS MOUNTAIN, N. C.
FULTON BAG & COTTON MILLS	ATLANTA, G.	MILLER COTTON MILLS	WACO, TEXAS
GLENN-LOWRY	WHITMIRE, S. C.	OAKLAND COTTON MILL	NEWBERRY, S. C.
GLENWOOD COTTON MILL	EASLEY, S. C.	OPELIKA COTTON MILL	OPELIKA, ALA.
GREENWOOD COTTON MILL	GREENWOOD, S. C.	PACOLET MFG. CO.	PACOLET, S. C.
GRENDALL MILLS NOS. 1, 2	GREENWOOD, S. C.	FELZER MFG. CO., 1, 2, 3	PELZER, S. C.
HENRIETTA MILLS	CAROLEEN, N. C.	PIEDMONT MFG. CO.	PIEDMONT, S. C.
HIGHLAND PARK MFG. CO. 1, 2, 3	CHARLOTTE, N. C.	WEST POINT MFG. CO.	WEST POINT, G.
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INDIAN HEAD MILLS	CORDOVA, ALA.	WISCASSETT MILLS CO.	ALBEMARLE, N. C.
INMAN MILLS	INMAN, S. C.	WOODSIDE COTTON MILLS	GREENVILLE, S. C.

These Have Proven Our Claims

Why Not YOU Also?

Established 1904

The Brown-St. Onge Company

COTTON MILL SPECIALTIES

Manufacturers and Selling Agents

Economy Starters for Pickers

PROVIDENCE, R. I.

Machine Specialties

Don't Let Your Patent Lay Idle
We Manufacture and Sell
on Royalty Basis

Graton & Knight

Leather Belting

Tanned by us for belting use

SPAR OAK

For Spinning Frame Drives

In this drive, belting performance counts high in actual production. Spar Oak belting reduces slippage, maintaining the required speed of the machine without increasing the load at the power plant because the pulley side of the belt is live elastic

Spartan Leather

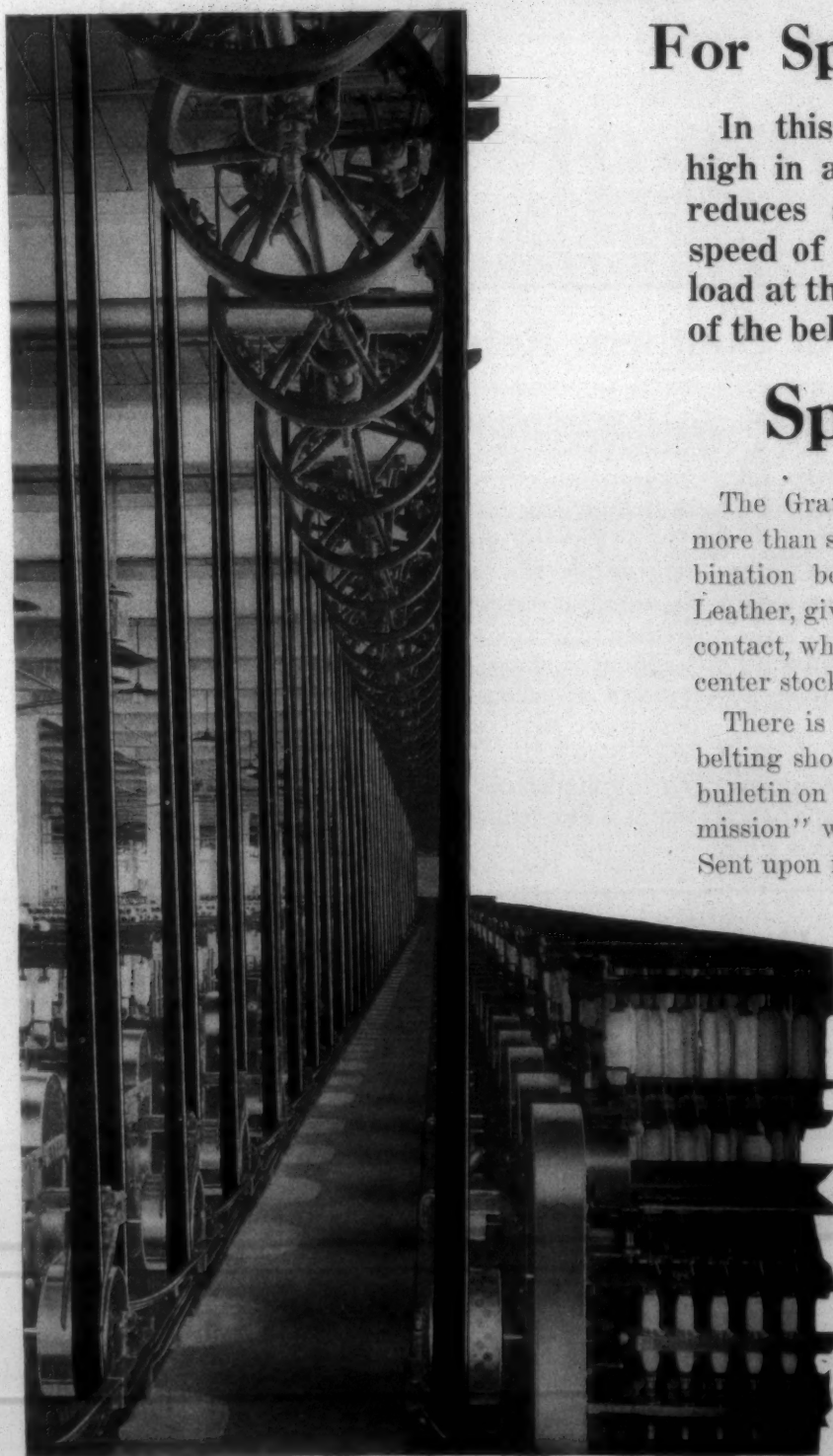
The Graton & Knight Manufacturing Company, with more than seventy years' experience, recommends this combination belting because the pulley side is of Spartan Leather, giving the greatest power per square inch of pulley contact, while the outer ply of the belt is tough oak tanned center stock that resists the wear of shifters.

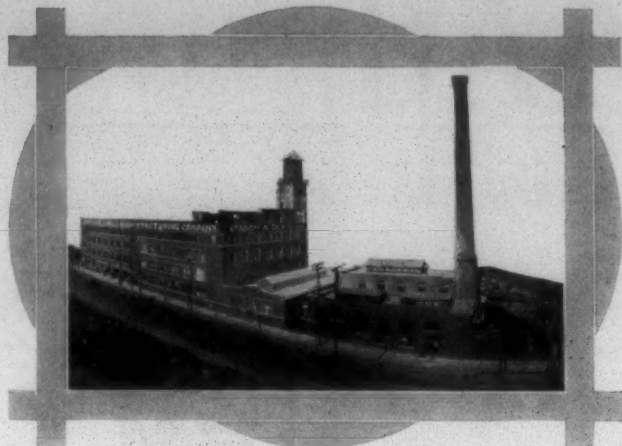
There is a Graton & Knight belt for every drive. Your belting should be selected scientifically. Graton & Knight bulletin on "Standardized Leather Belting for Power Transmission" will help you solve your transmission problems. Sent upon request without obligation.

The Graton & Knight Mfg. Co.

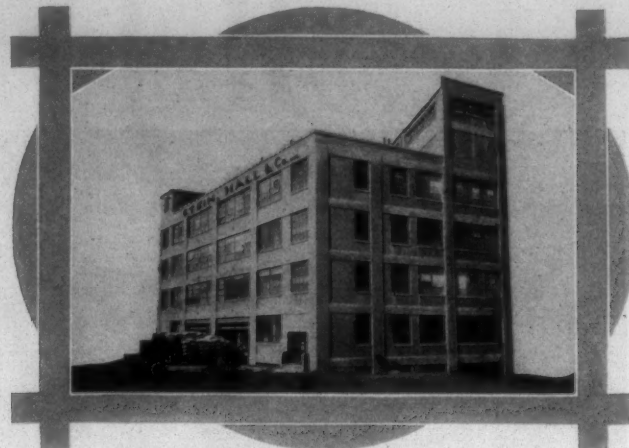
Oak Leather Tanners, Makers of Leather Belting and Leather Products

Worcester, Mass., U. S. A.





CHICAGO PLANT



LONG ISLAND CITY PLANT

To The Textile Trade:

Every since 1866 we have given particular attention and special service to the textile trade. Among our friends and regular patrons are firms whose names are famous throughout the country. These concerns are often confronted with technical difficulties which must be overcome to satisfy the demand of exacting clients. Our research staff is daily helping to solve these problems. Our factories supply special products to meet the particular needs that arise. This accounts for the steady growth of our house during the past 56 years and illustrates our ability to be of service to the Textile Industry.

Products for the Textile Industry

"Hawk" Thin Boiling Starch
 "Gold Medal" Starch
 "Silver Medal" Pearl Starch
 Wheat Starch
 Potato Starches

Dextrines and Dry Gums
 "Royal" Tapioca Flour
 Sago Flour
 Oxalic Acid
 Adhesives

STEIN, HALL & COMPANY

INCORPORATED

MANUFACTURERS AND DIRECT IMPORTERS

61 BROADWAY

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"FRANKLIN Needles will minimize your needle troubles."

Franklin latch needles are accurately made, rigidly inspected in each and every operation, insuring uniformity in size, finish and quality and the minimum of time lost for needle replacement—for nearly a half century they have been the first choice of American knitters.

At this very moment millions of Franklin Needles are busy upholding the reputation of hundreds of mills where the better grade of knit goods are produced.

FRANKLIN NEEDLE COMPANY

FRANKLIN, NEW HAMPSHIRE

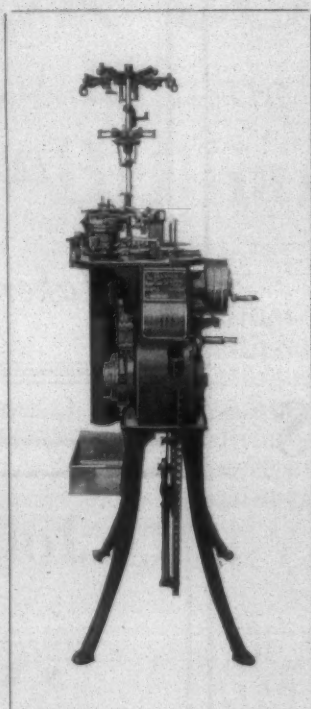
BANNER

FULL AUTOMATIC

HOSIERY MACHINES

Speed
Simplicity

—
All
Sizes



Production
Quality

—
All
Guages

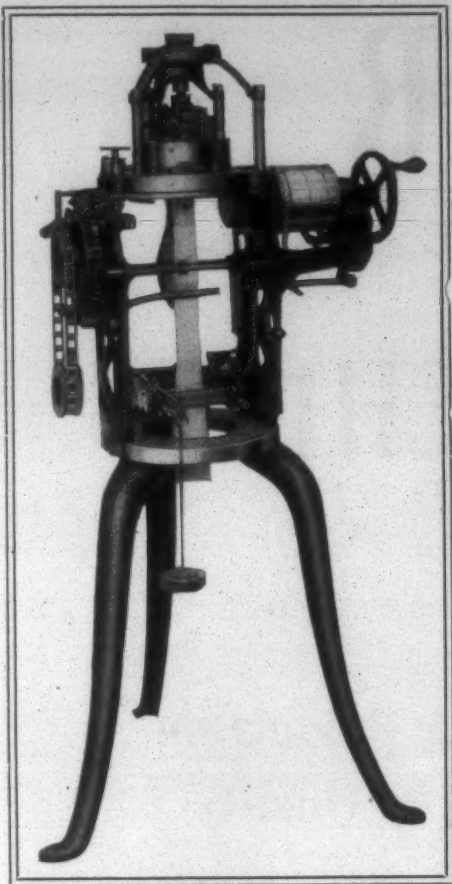
We are now prepared to make prompt deliveries on two new modles, the *Banner Spring Beard Needle* and the *Banner Split-Foot* machines, built in sizes 3 1-4" 3 1-2" and 3 3-4", either 48 or 54 guage.

HEMPHILL COMPANY

MAIN OFFICE AND PLANT
PAWTUCKET, R. I.

PHILADELPHIA OFFICE
Colonial Trust Bldg.
Rooms 208-9-10

CHATTANOOGA OFFICE
James Building
Rooms 912-13



BRINTON RIBBERS

possess all modern improvements, including selvage welt, French welt, double knee, dogless and stripping attachments, with automatic stop motions.

Built in all sizes, for all classes of rib work.

We also build hosiery knitters and Body machines for underwear and various other circular machines for all kinds of knitted articles.

Samples and Prices on Request

H. BRINTON COMPANY
Philadelphia Pennsylvania

Chauncey A. Williams

Everything In

Latch Needles

Factory and Main Office : MANCHESTER, N. H.

Philadelphia Office—40 South 7th Street

Makers of "CAW" Brand Needles

John W. Hepworth & Company

N. W. Cor. Lehigh Ave. and Mascher Street
PHILADELPHIA, PA.

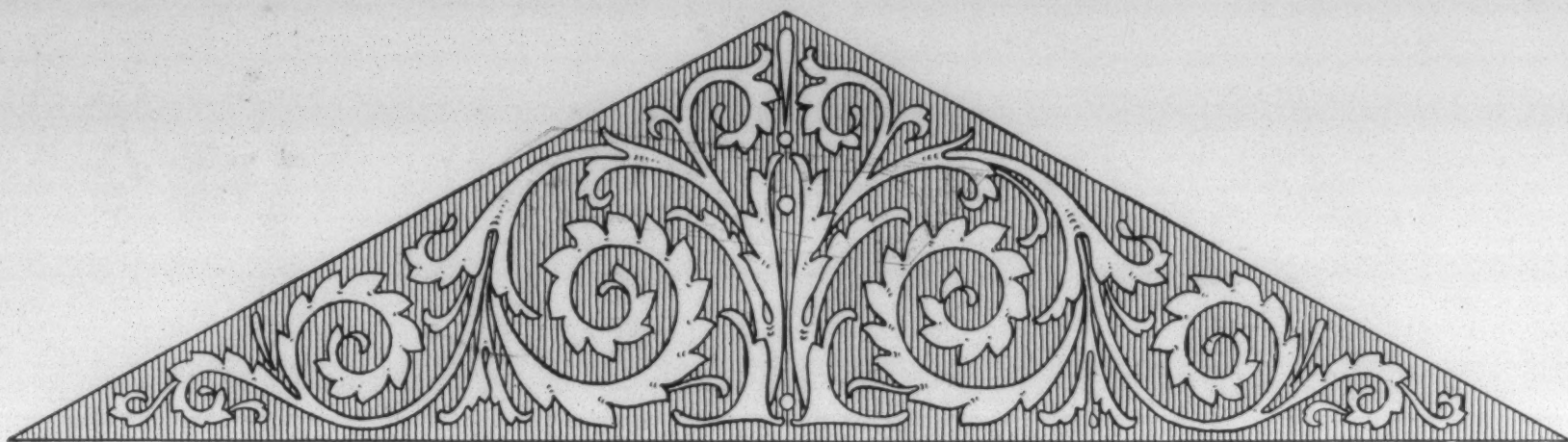
Makers of

Two-Thread Elastic Lock Stitch Looper

Also Attachments

for changing our
single stitch
loopers into the
two-thread
loopers.





SULFUR COLORS

of Unusual

Concentration—Brilliancy—Solubility

Sulfogene Yellow GG
Sulfogene Yellow D
Sulfogene Brown GO
Sulfogene Golden Brown G
Sulfogene Golden Brown R
Sulfogene Cutch O
Sulfogene Ochre G

Sulfogene Dark Brown GN Ext.
Sulfogene Bordeaux G
Sulfogene Bordeaux B
Sulfogene Green M Conc.
Sulfogene Navy Blue GL Conc.
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Sulfogene Carbon H Conc.

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A trial will convince you of their excellence.

E. I. du Pont de Nemours & Co., Inc.

Dyestuffs Department

WILMINGTON, DELAWARE

BRANCH OFFICES:

New York Boston Providence
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STANDARD

DU PONT
DYESTUFFS

UNIFORM



A Look Ahead



FROM all indications, evenness of stitch is going to be still more important in months to come than it has been in months past.

We can't help but feel that the excellent business we are enjoying is due to the realization of this very fact and also to the unvarying standards of quality found in Excelsior-Torrington Knitting Needles.

Uniform, even fabric, can be made only on needles of uniform dimension.



WHEN you specify "Excelsior" on your knitting needles you accept the judgment of many knitters who have been specifying in this way for more than a quarter century.

THE TORRINGTON COMPANY
— EXCELSIOR PLANT —
TORRINGTON, CONN.

C. B. BARKER & CO., LTD.
140-144 W. 22nd STREET,
NEW YORK.

MANUFACTURERS SUPPLIES CO.,
CHERRY AND JUNIPER STS.,
PHILADELPHIA.

Standard Chemical Products, Inc.

Paterson, N. J.
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and Warehouse
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Manufacturers of

STANDARD Sizing and Finishing Products

Sulphonated Castor Oils
Boil-off Oils
Soaps
Finishing Oils
Finishing Gums
Sizing Compounds
Pure Beef Tallow
Gum Tragacanth
Epsom Salts

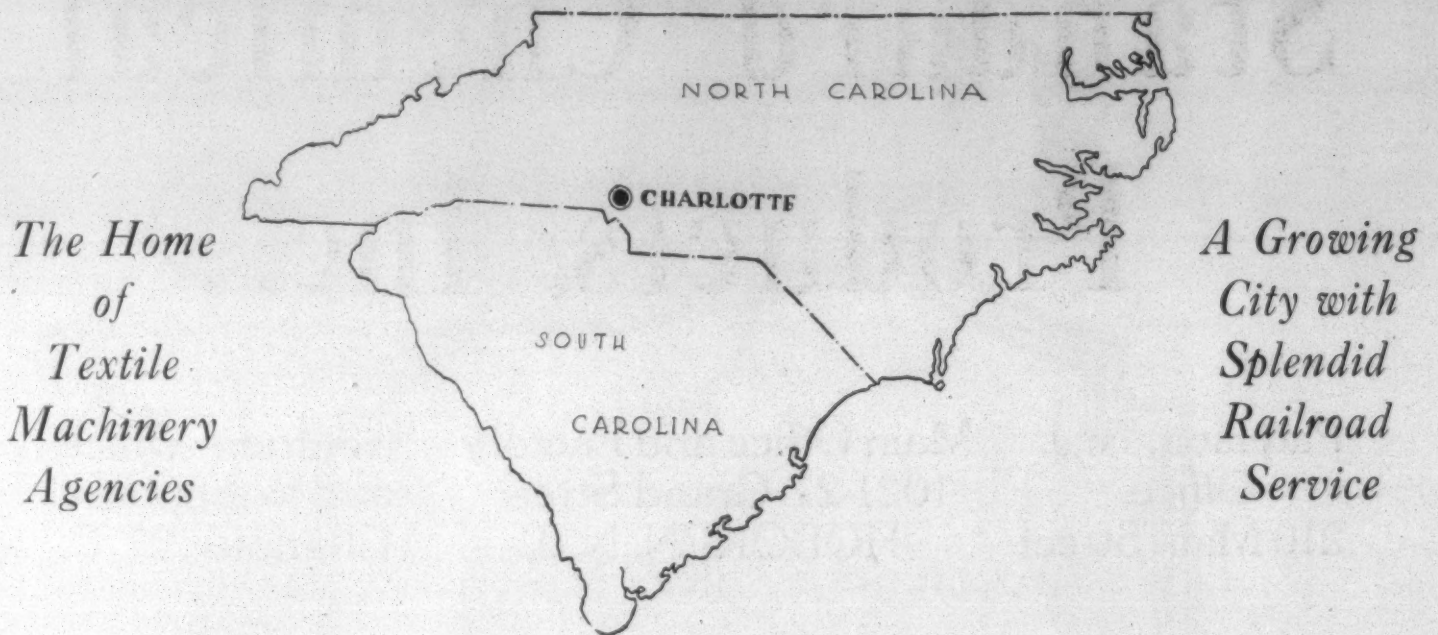
Turkey Red Oils
Bleaching Compounds
Softeners
Finishing Compounds
Stiffening Materials
Soluble Tallows
Alum (powdered & lump)
Japan Wax
Glauber Salts

We Guarantee "Standard" Quality

Demonstrations Made on Request

CHARLOTTE a Distributing Center

One third of the Cotton Spindles of the U. S. are in these two States



Chamber of Commerce, Charlotte, N. C.

Perfect Lubrication Without Waste

The LUBRIK Line

Fully 50% of the ordinary oil that goes into cotton mills goes on the floor or on some part of the machinery where it is absolutely wasted. With LUBRIK every bit sticks and gives 100% perfect lubrication without dripping or spattering and gives full value for your money. The LUBRIK Line consists of a number of semi-fluid greases each one espe-

cially adapted to some machine in the cotton mill.

To obtain perfect lubrication on every machine in the cotton mill there is no better lubricant than LUBRIK.

Demand LUBRIK, for economy and perfect lubrication.

Also ask us about "Removoil" which removes oil spots from textile fabrics.

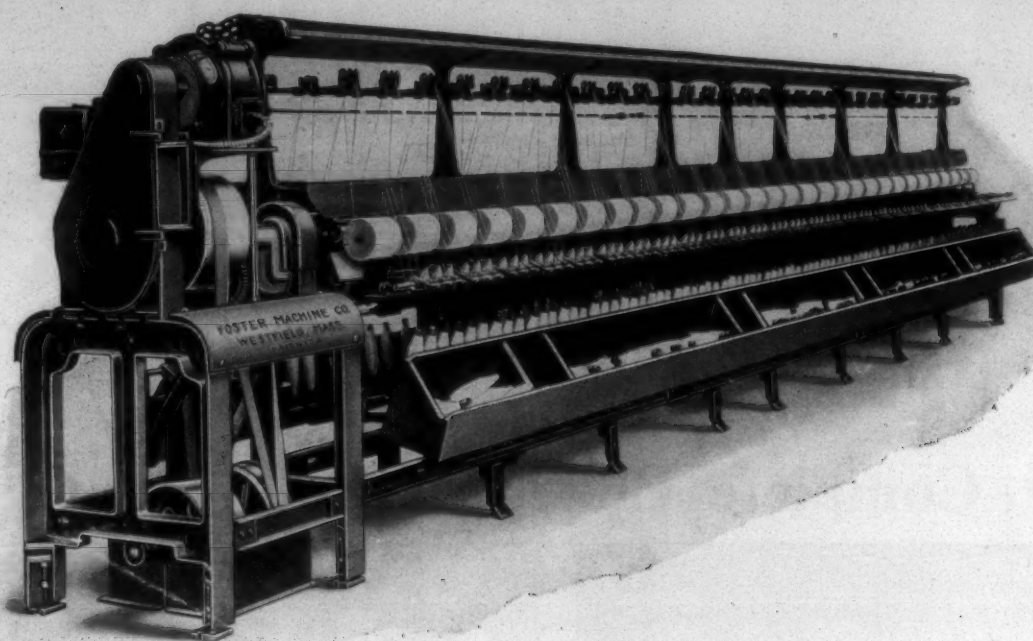
"Our Success represents Confidence won by Integrity"

MASURY-YOUNG CO.

Established 1857

Boston, Mass.

Manufacturing Ply Yarn



Model Twenty-five Doubler---Motor Drive

Foster Doubling for twisting draws supply from spinning bobbins as shown above, the clearing being done in the Doubling operation, or draws supply from cone or tube after a first clearing process. The best method to use is determined in each case by the quality of the yarn, the grade of goods to be manufactured from the yarn, and also at times by operative conditions.

Both systems are economical in their respective fields.

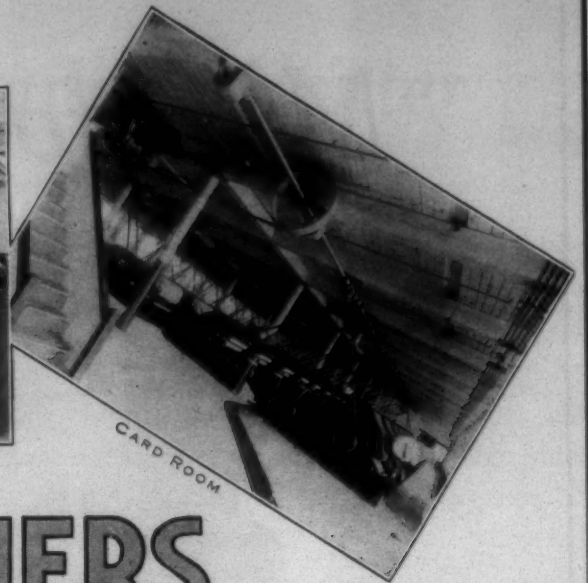
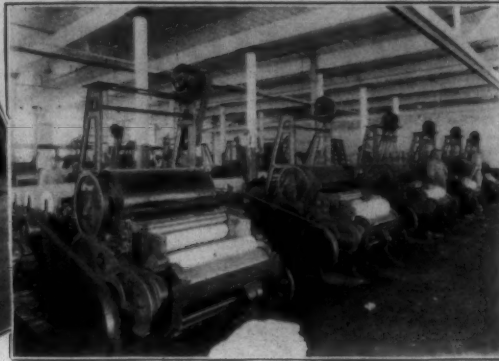
Foster Machine Company

Westfield

- - - - -

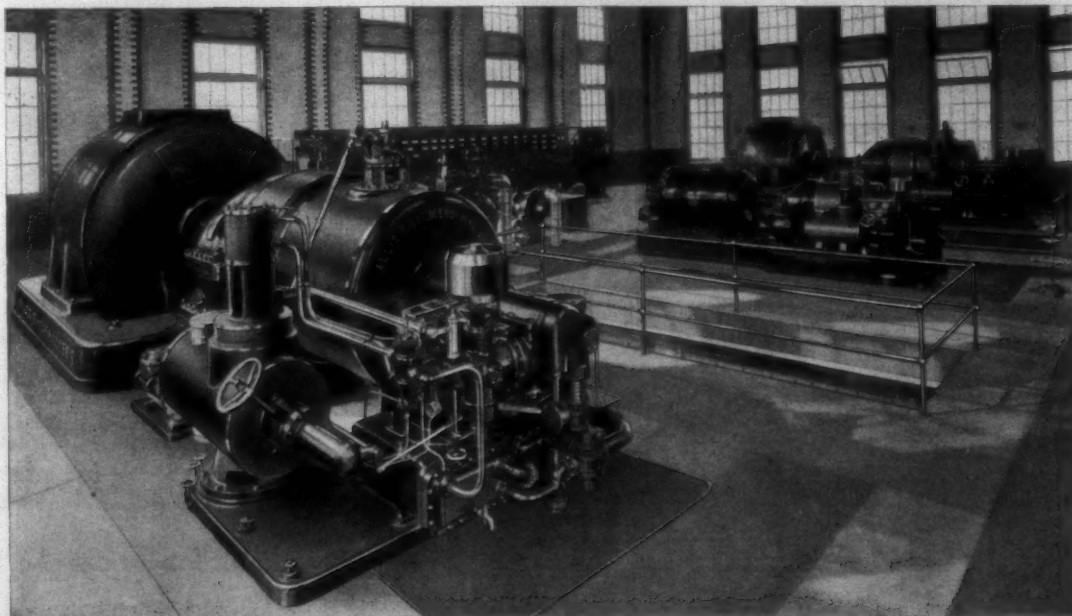
Massachusetts

JOHN HILL, Southern Representative, Healy Building, ATLANTA, GA.



ALLIS-CHALMERS

Complete Electrical Equipment



One 500 H. P., 3600 RPM, and Two 3000 K. W., 1800 RPM Turbo Generators in the Textile Industry

For Textile Mills

Steam Turbo-Generator Units
Condensing and Non-condensing
Switchboard Equipments
Transformers

Induction Motors of All Kinds
for Textile Service

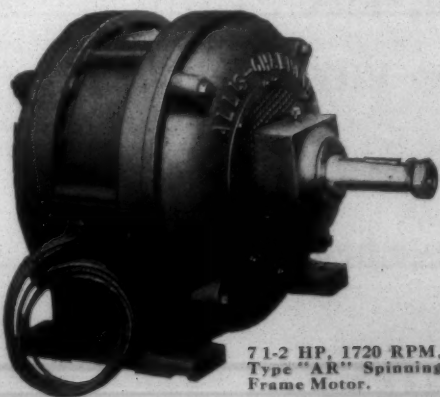
Transmission Machinery

SEND FOR BULLETIN

ALLIS-CHALMERS

MANUFACTURING COMPANY

MILWAUKEE, WISCONSIN. U.S.A.



71-2 HP, 1720 RPM,
Type "AK" Spinning
Frame Motor.



1-2 H.P. 1720 RPM
Loom Motor

ALLIS-CHALMERS
PRODUCTS
Electrical Machinery
Steam Turbines
Steam Engines
Gas and Oil Engines
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Power Transmission Machinery
Pumping Engines-Centrifugal Pumps
Steam and Electric Hoists
Air Compressors-Air Brakes
Agricultural Machinery
Condensers

S U C C E S S

*Over 60,000 Cards
Equipped*

Endorsed by leading
Southern and Northern
Cotton Mills

The Most Successful and
Economical
Dustless Card Stripping

FIRTH-SMITH CO.

BOSTON, MASS.

Southern Representative, MILTON G. SMITH, Greenville, S. C.



The textile industry, as a whole, has been among the first to emerge from the passing era of business depression. Trade conditions, together with efficient engineering and management, have all contributed to this condition.

Now, new problems of management must be solved. New operating conditions must be met. New standards of production must be established to meet new methods of merchandising.

And under these new conditions Lockwood-Greene experience and Lockwood-Greene service assume a new importance.

Questions of finance, questions of management, questions of production, business problems, building problems, engineering problems—all are being met, solved, and answered.

Lockwood-Greene service is a flexible thing ready to be applied to many calls, differing widely in their requirements. In meeting and solving the problems of today—and tomorrow, the experience and service of Lockwood, Greene & Co. are at *your* call.



BUILDING
WITH
FORESIGHT

Take advantage of them. Pioneer with the pioneer—and be the first to reach the goal.

LOCKWOOD, GREENE & CO. ENGINEERS

EXECUTIVE OFFICE, 60 Federal Street, BOSTON

BOSTON ATLANTA CHICAGO NEW YORK
DETROIT CLEVELAND CHARLOTTE PHILADELPHIA

SANTIAGO, CHILE

LOCKWOOD, GREENE & CO. OF CANADA, LIMITED, MONTREAL
COMPAGNIE LOCKWOOD GREENE, PARIS, FRANCE

F. W. McLanathan & Son

LAWRENCE, MASS.



McL Quality Roller Skins

Are manufactured from the finest selection of lamb skins.

Have the absolute uniformity of weight, surface and firmness necessary for mechanical use.

Are sorted into two grades, A and B, and four weights:—

**Heavy
Medium**

**Light Medium
Light**

Are guaranteed to give perfect satisfaction in spinning everything from the coarsest waste to the finest counts for sewing cotton.

Distributed by

The General Mill Supply Company

105 Latta Arcade Building

Charlotte - - - North Carolina

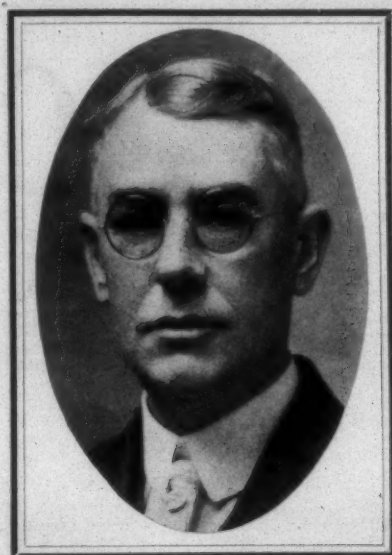
M. C. Thompson, Pres. & Gen. Mgr.

The Paint You Need

"Mac" Thompson

**Carries
At Charlotte**

**Mill
White
Specialists**



**A
Real
Roofing
Cement**

M. C. THOMPSON

Southern Representative

THOS. K. CHAFFEE CO., Inc.

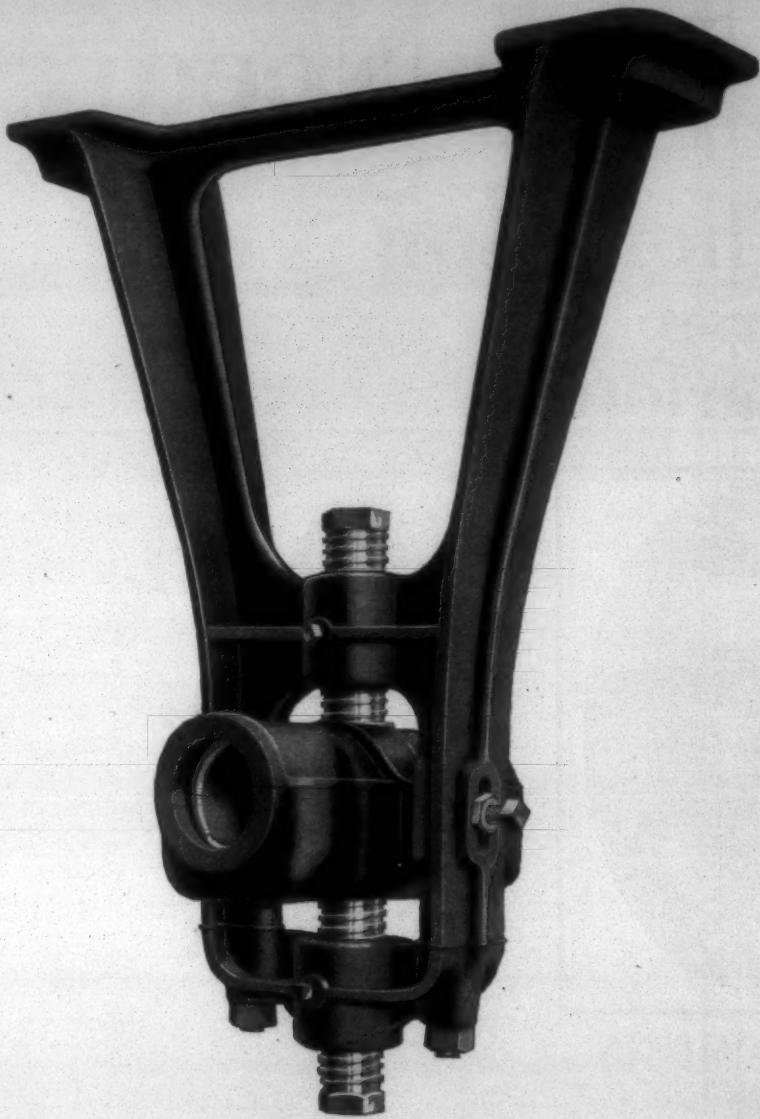
Primer Coat Flat Mill White
Everwhite Flat Mill White
Egg Shell Gloss Mill White
Mill White Gloss
Outside White
Maketite Roofing Cement

All Ready For Quick Shipment From Charlotte

Thomas K. Chaffee Co., Inc.

Providence, R. I.

Southern Representative M. C. Thompson, 105 Latta Arcade, Charlotte, N. C. Phone 3241



“Universal Giant” Hangers of Cast Iron

CAST IRON is the only material that will give the rigidity and strength needed to support line shafting.

The first Hangers we made were of CAST IRON; and in all our 65 years' experience designing Power Transmission Appliances we've found no satisfactory substitute. There are many plants in which our CAST IRON Hangers are apparently as good as ever after 40 to 50 years of satisfactory service.

“Universal Giant” CAST IRON Hangers are non-flexible; will hold the shafting in position without bending or working apart; Ball and Socket Adjustment reduces friction and assures perfect alignment of shafting; Ring-Oiling Bearings provide automatic lubrication.

The **WOOD** Line SONS CO.

includes shafting,
couplings, hangers, pul-
leys, rope sheaves, fric-
tion clutches, belt tight-
eners, floor stands and
binder frames.



T. B. WOOD'S SONS CO.

Modern and Approved Appliances for the Transmission of Power
CHAMBERSBURG, PA.

MILTON G. SMITH, Southern Sales Agent, GREENVILLE, S. C.

Wide Sheetings Mill Unable to Supply Demand.

Marshall Field & Company comment regarding their current offering: "We operate our Wearwell sheeting mill, at Draper, N. C., day and night, except Sunday. Notwithstanding this, we were unable to accumulate enough merchandise for this sale, although our production is larger than ever."

Regarding bedspreads, they state: "We manufacture and distribute annually, more than one million bedspreads. The achievement is not in making one million bedspreads, but in making a million bedspreads in the right sizes, the right weights and the right finish. Our sales prices for a limited quantity (we are well sold up at the mill) are just about as low as our low prices a year ago, when cotton brought about one-half as much as it does today. There cannot be any stronger argument than this to prove our statement—Now is the time to buy!"

The Knitting Arts Exhibition.

Preliminary plans for the Nineteenth Annual Knitting Arts Exhibition to be held in Philadelphia April 2nd to 6th are well under way. As in former years the Exhibition will be under the auspices of the National Association of Hosiery and Underwear Manufacturers and the personal direction of Chester I. Campbell. The early demand for spaces has exceeded any previous year and the situation indicates an event in the Knitting Arts Trade

that will bring thousands of buyers to Philadelphia with a result that the entire trade in all its branches will be greatly stimulated.

While machinery will be the foundation of the exhibit, yet it will not be confined to that. The Yarn, Needles, and Finished Garments for both Outer and Underwear, Hosiery, as well as other Wearing Apparel will form a most important part of the exhibit.

Many applications are being filed for reservation of space and it is predicted that a large portion of available spaces will be taken when the first allotment is made. This allotment will take place the latter part of this month. "We are after business for the exhibitor as strong as we are after exhibitors," said Manager Campbell, "and the story written on the horizon indicates orders and publicity of great magnitude." Optimism prevails everywhere in the executive offices of the show and surely the work being done and plans being formulated all tend toward a successful show.

Bradford Wool Finance Company.

The Wool Textile Finance Company, Ltd., which was established to render financial assistance to Bradford firms, is reported by Vice Consul Martin to have entered upon its full functions, and assistance has been rendered to a number of concerns engaged in the wool textile industry around Bradford. The trade in Bradford is gradually improving.



LOUIS WOODS, JR., & COMPANY
Cotton Merchants

All Kinds of Raw Cotton, Low Grades Especially
Types and Samples Sent on Request
Phones: Main 5417-7705 Postal L. D.
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WARWICK-AIKEN & COMPANY
COTTON

MISSISSIPPI, ARKANSAS, TENNESSEE COTTON OF SUPERIOR
QUALITY
MEMPHIS, TENNESSEE

ROBERTS, CARTER & COMPANY

Shippers of Arkansas, Mississippi and Tennessee Cottons
Ask your broker for ROBERTS Cotton, it pays
MEMPHIS, TENN.

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RIVERS, BENDERS and STAPLE
COTTON

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Memphis, Tenn., U. S. A.

BARNWELL & COMPANY

Staple Cotton
MISSISSIPPI and ARKANSAS
Have Been Making Satisfactory
Shipments Since 1886
MEMPHIS, TENN.



United Chemical Products Corporation

Main Office and Works YORK AND COLGATE STREETS, JERSEY CITY, N. J.

MANUFACTURERS OF

COLORS

Acid Basic Direct Chrome Sulphur Developed

OTHER PRODUCTS

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Finishing Compounds

INQUIRIES SOLICITED

REPRESENTATIVES

R. T. GRANT, Charlotte, N. C.

GEO. W. WATSON, Hazlehurst, Miss.

This Is What You Want—and get with
“BALTOBELT”

Not the Initial but *The Ultimate Cost*

WE LESSEN BELT COSTS by selling belting that is manufactured under fixed standards. It is manufactured from Oak Bark Tanned Steer Hides, cut from the CENTER of the hide and curried by the old fashioned hand process. Expert workmen are constantly striving to make “BALTOBELT” better and more durable.

Baltimore Belting Co.

Factory

MALTIMORE, MD.

Southern Branch

SPARTANBURG, S. C.

We carry a complete stock at our
 Southern Branch

**SACO-LOWELL
 SERVICE**

BULLETIN NO. 4

Our Southern Repair Shop in Charlotte is under the direction of Mr. W. E. Harvell who has had twenty years experience with us in rewinding lickerins and reclothing top flats.

Before Mr. Harvell took charge of this shop he served several years as an erector of Saco-Lowell cards.

His men have been trained carefully and have also had years of experience.

Such experience does count and we want to give you the benefit of this experience by rewinding your lickerins and reclothing your flats.

We rewind all makes of lickerins and reclothe all makes of flats.

TRY THIS SERVICE

SACO-LOWELL SHOPS
 CHARLOTTE, N. C.

IMPROVED LOOM REPAIR PARTS

**Weave Room Specialties
 and Supplies**

We Develop New Ideas

Booths

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Mr. L. C. Atkisson Mr. E. W. Fanning

H. F. LIVERMORE CO.

BOSTON, MASS.

Odd Lots Cotton

Odd lot orders solicited for the purchase and sale
 of Cotton for future delivery

Special Attention to Mill and Dealers' Hedges

J. S. Oliver & Co.

59-61 Pearl St., NEW YORK

10 BALES COTTON

Orders solicited for the purchase and sale of Cotton for future delivery in units of ten bales and multiples of ten. Present marginal requirements \$10.00 per bale.

EBLIN & COMPANY
 COTTON MERCHANTS

115 Broad St.

New York City

Members Odd Lot Cotton Exchange of New York

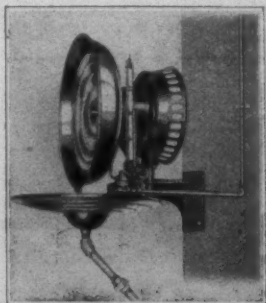
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Economical Humidification

Buying a Bahnson System is economy. You get a uniformity of moisture distribution impossible to obtain with any other Humidifying System.

You get Service, Satisfaction and Results that Pay.

Install a Bahnson System—then you are sure of the satisfaction, service and results which only the Bahnson can bring.



Interest on the investment, depreciation, maintenance and power consumption must be considered when figuring the cost of any humidifying system. Taking these as a basis, "Bahnson" is always found the most economical.

The BAHNSON Company
Humidification Engineers

General Office
and Factory
WINSTON-SALEM

Eastern Office
437 Fifth Ave., Cor. 39th St.
NEW YORK CITY

*See a BAHNSON in operation at Southern Textile
Exposition, Greenville, S. C., October 19-25*



HOME OF SHAMBOW SHUTTLES,
WOONSOCKET, R. I.

Your shuttle bill will be smaller
Your interruptions will be fewer
Your production will be greater
Your product will be better

—If you standardize on

Shambow

—“The Custom Built Shuttle”

Keeping Abreast with the Demand for

Shambow —the Custom Built Shuttle

Less than one year ago, the demand for SHAMBOW Shuttles compelled us to erect the fine, modern plant (pictured on the opposite page). It is the Home of SHAMBOW Shuttles, located in Woonsocket, R. I., in the very heart of New England's textile region. It is equipped with modern drying equipment, specially designed machinery, accurate gauges—in short, the latest facilities for successful shuttle manufacture. And it is manned with a contented, loyal organization of skilled workmen—who know and are competent judges of shuttle standards.

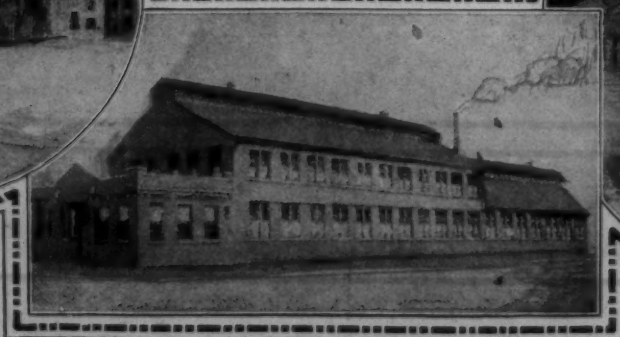
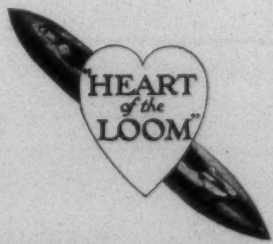
* * * *

The pendulum has swung again. The urgent and growing demand for our product among the Cotton Mills of the South has necessitated the building of a fully equipped Branch Factory in Greenville, S. C., (now under construction) for the production and distribution of SHAMBOW Shuttles, Spools and Bobbins.

Look for Exhibit of SHAMBOW Shuttles at the Southern Textile Exposition, October 19-25, at Greenville, S. C.

Shambow Shuttle Company
Woonsocket, R. I.—Greenville, S. C.

John C. Shambow, Pres. & Treas. H. H. Ullman, V-Pres. & Gen. Mgr.



WHERE UP-TO-DATE EQUIPMENT IS
USED, YOU'LL INVARIABLY FIND
SHAMBOW SHUTTLES

THOSE WHO
USE IT SAY

*You will find
it
Dependable*

PERFECTOL
TRADE MARK
LUBRICANT
**IT'S
UNIFORM**

U.S. OIL & SUPPLY CO.
NO. 24
PERFECTOL
TRADE MARK
LUBRICANT
PROVIDENCE, R.I.

**THE MODERN
LUBRICANT
FOR THE MODERN
MILL**

U. S. OIL & SUPPLY CO.

GENERAL OFFICE & WORKS, PROVIDENCE

ATLANTA, GA.

NORRIS BROS, Distributors
Greenville, S. C.

PITTSFIELD, ME.

Description of Exhibits

W. F. Fancourt & Co.

W. F. Fancourt and Company in space 543 exhibited their sizing, finishing materials, oils, soaps and textile specialties. Of particular interest to the cotton industry was their Perfection Size, which is the result of years of experience and experiments in their laboratories to produce a soluble concentrated sizing material, free from fillers of any kind, that would have wonderful penetrating fibre-laying and moisture retaining properties. This product, being soluble, goes into perfect union with the starch, thereby insuring even distribution and penetration throughout the warp. One great advantage of this product is the fact that it is not necessary to use any other sizing materials with the exception of starch. W. F. Fancourt, Jr., president, and E. H. Morningstar, were in attendance.

Parks-Cramer Co.

Parks-Cramer Company for the first time showed their new Super-Seven Air Conditioner, one of their recent developments. This is a humidifier of unusually high evaporative capacity and handles about the same amount of air as their well-known "High-Duty" Air Conditioner. The "High-Duty" apparatus also had a prominent part in the exhibit, as well as their Humidity and Temperature Regulators.

They also showed for the first time a new humidity regulator based on the hygroscopic properties of the cotton fibre. The regulation of the humidifiers is accomplished

In addition, they showed a miniature gravel filter tank, with glass slides so that the process of filtering the return water from the humidifying system, cleaning the gravel bed with compressed air, and the exclusive features of that type of equipment could be all seen in direct operation.

They had a framed exhibit of specimens of conditioned and unconditioned yarn, showing better than can be described, the advantageous features of their conditioning process.

Another interesting feature of the exhibit was a new type of pocket Sling Psychrometer, neatly mounted in an aluminum case, which protects the thermometers from injury, and at the same time, serves as the handle for swinging the thermometers. This case also has an engraved scale so that the relative humidity and moisture in the cotton can be read directly from the scale without the necessity of referring to the usual psychrometric tables.

As an advertising novelty, they produced a direct-reading psychrometer scale on a celluloid chart, which is extremely convenient for making humidity measurements.

The exhibit is in charge of Frank G. Bell, Jr., and others from their organization. Attending the exhibit were H. M. Parks and Thayer Francis, of Fitchburg, Mass.; Jas. D. Smith, P. B. Mayo, O. G. Culpepper, and Wm. B. Hodge, of Charlotte, and Jno. F. Porter, of Atlanta.

Samuel Olson Company.

The Samuel Olson Company, manufacturers of a well known conveying system, had an interesting display of one of their machines. This machine was about 20 feet long and 10 feet high. The four units, as shown, were set altogether and the receptacles with their contents traveled around the circuit.

Pittsburgh Plate Glass Co.

The booth of the Pittsburgh Plate Glass Company, 5 1-2 by 19 feet, was divided and finished into two small rooms, each 5 1-2 by 9 1-2 feet, constructed of wall board. One of these rooms was finished in Alba Lux (white light) with white glass. The other was stained and discolored to represent a room in an unpainted factory. Each of these rooms was lighted with the same candle power lights.

The company thus showed in miniature the contrast in lighting of an industrial plant with one painted with their mill white with that of an unpainted plant, both using the same candle light.

The company further brought out the improved sanitary conditions, increase in efficiency of employees as well as increased production. Representatives present from the Pittsburgh Plate Glass Company, were A. C. Rapp, Pittsburgh; Logan Porter, Charlotte, and E. C. Brooks, Atlanta, Ga.

The Superheater Company.

The Superheater Company exhibited a model of the Elesco Superheater for stationary power plant boilers.

The exhibit was in charge of R. M. Gates and R. A. Holme, the space being No. 549.

The Elesco Superheater consists in general of two headers, one acting as the distributor for the saturated steam coming from the boiler and the other a collector header for the steam after it has been superheated. The necessary connecting units, in which the actual superheating takes place, are of course, an important part of the construction.

The headers are of open hearth steel, and are usually located outside of the hot gas path, and in the majority of designs, outside of the boiler setting proper. The headers, as well as unit joints, are therefore accessible for inspection and repairs without entering the boiler setting.

The headers are made with the outlet on the superheated header in an opposite location to the inlet on the saturated header, so that an even distribution of steam flow through all the units is assured.

In most designs of Elesco Superheaters, the loops of the units are forged return bends. These return bends are made on the ends of the unit from the metal of the pipe itself by a special mechanical forging process, without the use of electrical or acetylene welding and without the addition of any metal or material. The use of the forged return bend in the unit construction of the Elesco Superheater results in a continuous pipe, the bend being as strong, if not stronger than the body of the pipe. It also affords a sharp return without adding excessive pipe friction and facilitates a convenient and advantageous location of the superheater units.

J. H. SEPARK, Sec'y and Treas.

J. L. GRAY, V. P. and Gen. Mgr. Mfg.

Mills at Gastonia, N. C.
Lincolnton, N. C.

Gray Mfg. Company
Flint Mfg. Company
Parkdale Mills, Inc.
Arlington Cotton Mills
Arrow Mills, Inc.
Myrtle Mills, Inc.
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We Spin

Cotton Yarns

for Knitting, Weaving and Converting in all twists on cones, skeins, tubes and warps:

36s to 80s Single and Ply
Combed Peeler-Right
Twist

36s to 50s Single and Ply
Double Carded Peeler-
Right or Reverse
Twist

20s to 60s, 2, 3, and 4 Ply
Combed Peeler-Reverse
Twist

Gray-Separk Yarns

Your order, if placed with us, will be executed with a yarn of unvarying high quality, the worth of which will show on your production records.

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Telephones—Madison Square 7666, 7667, 7668, 7669

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BOSTON

GASTONIA

PHILADELPHIA

CHICAGO

Description of Exhibits

Reeves Pulley Company.

The Reeves Pulley Company exhibited "The Reeves" variable speed transmission, both roller bearing type and complete ball bearing type.

"The Reeves" Transmission is a device to be interposed between the line shaft, motor or other source of power and the machine to be regulated. It is provided with a hand-wheel by which the speed is regulated to give absolutely any number of revolutions between the maximum and minimum speeds desired without stopping the machine or interfering in any way with the production of goods. This Transmission is made in sixteen sizes and is applicable to any machine requiring speed variation.

The exhibit was in space No. 304 and was in charge of R. F. Reeves and C. L. Irwin.

The Sherwin-Williams Co.

The Sherwin-Williams Company in spaces 543 and 544 exhibited S-W EG-SHEL "The Mill White" and their whole plant standardization proposition, working in conjunction with the Eclipse Air Brush Company, whose equipment was displayed in the exhibit, so that practical demonstrations of the spray application of Mill Finishes can be made, as the spray application of paints in industrial painting is forging ahead rapidly and is the coming method of painting.

This interested the mill executives in attendance at the convention, especially when the company was able to show the practical application of the material.

They had in attendance W. H. Porter, and W. O. Master, of the Sherwin-Williams Company, and Howard Beach, President of the Eclipse Air Brush Company, was also in attendance.

Mossberg Pressed Steel Corporation.

In spaces No. 198 and No. 199 the Mossberg Pressed Steel Corporation, Attleboro, Mass., exhibited their complete line of All Steel Section Loom and Adjustable Beam Heads, "New Process" Drop Wires, Steel-Headed Jack Spools, Narrow Fabric Beams and Aluminum Spools.

These sections, Loom, Adjustable Heads, etc., are made entirely from steel and the method of manufacturing is such that any cast-iron head now in use in the mills can be duplicated in steel—even the smallest detail.

The only departure from all steel construction is in the case of the gear let-off head and in such instances a malleable-iron gear ring is used and this gear ring is fastened to the steel head by a special process in which no rivets extend through the head to the inner sur-

face. The rest of the head is made from steel.

This entire line of heads, of course, will not break. The most essential thing, however, is that they carry an absolutely guarantee not to bend or spring under pressure of the yarn or in the handling of the beam—whether the beam is full or empty.

The "New Process" Drop Wires are furnished with a very highly finished thread eye and are absolutely guaranteed to be free from all burr or cutting edge—eliminating the serious trouble of cutting and marring of yarn and starting of sizing.

A. A. Underwood, Secretary and Sales Manager, was in charge of the exhibit.

Draper Corporation.

The Draper Corporation showed a practical exhibit of their products which included: 6 Northrop Looms, 2 Warpers, 1 Spooler, 1 Twister, for the large machines, and also a general display of their small specialties and articles of manufacture, including spinning and twister rings, spinning and twister spindles, spooler thread guides or slub catchers, loom temples, shuttles, bobbins, cop spindles, etc. The twister and the looms were all shown in operation and driven by individual motor drive.

The Northrop Looms included: 30" E Model Gingham Looms, 36" E Model Loom on pajama checks, 40" E Model Loom on marquisettes, 28" E Model terry loom, 36" Model loom on duck, 90" L Model sheeting loom.

One of the warpers was shown with balling machines and ball of yarn. The other was a warper with patent fluted cylinder. The spooler and twister were of standard construction.

The Draper exhibit was in charge of W. I. Simpson, head of the Selling Department; and with him were B. H. Bristow Draper, vice president of the company; F. E. Foster, Southern representative and several more members of the selling department.

Mason Machine Works.

The Mason Machine Works Company, builders of a large variety of textile machinery—such as cards, drawing frames, spinning frames, and looms of many varieties had on exhibition three (3) Mason-Crompton automatic looms including all their latest improvements. The Mason Machine Works Company are said to be the first loom builders in America or elsewhere to adopt roller bearings on all their automatic weaving machinery.

Besides this important feature,

Mason-Crompton looms on exhibition will have several different types of warp stop motions, their latest improved automatic let-off, with reduction gearing, and warp follower, and their latest feeler.

All the automatic looms in this exhibit were supplied with oilless batteries. This is a special Mason-Crompton feature and one which the Mason people introduced about a year ago. The automatic let-off already referred to is a feature which the Mason people are very proud of as with this new let-off the weaver or fixer can either loosen or tighten the warp without unlocking, and it is operable from either the back or front of the loom. The Mason-Crompton loom is said to be the only one having this feature.

The filling feeler previously referred to is called the "Paramount Feeler" and is unique on account of its adaptability, simplicity of mechanism and utility. The batteries on the looms to be exhibited are all built on the Mason-Crompton principles that is, the sleeve of the battery is cast separately from the quill butt disc. The oil tempered wire spring tip holders which the Mason people put on all their batteries are said to be most successful and have stood the test many years. The latest Mason-Crompton looms improvement has been made in the picking mechanism on the cam shaft. Other new devices on these looms include new temple arrangement and a device for assisting fixers to keep shuttles in proper position in the shuttle boxes.

Of the three looms on exhibition, one was equipped to weave 80x60, another operated weaving stripped gingham and the third was operating weaving 5-harness sateen, one up and four down.

Edwin Howard, Southern agent of the company, and Randolph Crompton (formerly of the Crompton & Knowles Loom Works and Crompton-Thayer Loom Co.) whose improvement in the automatic weaving field have brought the Mason-Crompton automatic loom to so high a standard, had charge of the exhibit. Their exhibition space consisted of sections 192-193, 200-203.

Peerless Folding Ladder Co.

Peerless Folding Ladder Company showed the Peerless "Eversafe" folding ladder. The ladder is very light but rigid, and there is an automatic lock at the bottom. The step ladders are also of the folding type. Each end of each step is hinged to the rails and the A frame back is hinged, telescoping with a locking device. When a 350-pound man can get on the top step of the 44-inch ladder with ease and it remains rigid under his weight, it is far more than can be said of the ordinary step ladder.

Huntington & Guerry.

Huntington & Guerry, electrical contractors, Greenville, S. C., occupied spaces 510 and 519, and had an exhibit of the most approved methods of installing electric motors and lights in cotton mills, as well as mill village lighting. They also showed their "Trouble Proof" repairs for motors, transformers and other electrical machinery. R. S. Huntington, DuPont Guerry, Jr., and R. L. Vaughn were in charge of the exhibit.

W I L T S

Veneer Packing Cases

are lighter and stronger

Here are perfect 3-ply Veneer Packing Case Shooks. Their extreme lightness saves 20 to 80 lbs. in freight on every case shipped. They are stronger than inch boards, burglar proof, waterproof and clean—no cracks for dirt to sift through.

Write For Prices and Samples
Our Prices are Convincing
Our Service is Quick
Wilts Veneer Co., Richmond, Va.

MI- CLEANSER

The Perfected, Non-Soluble, Cleaning, Polishing Cleansor, Deodorizing Scouring & Scrubbing Powder. "Six in One"

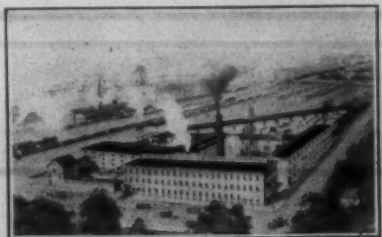


Trade Mark Reg. U. S. Pat. Office

Your Mill Supply House will furnish you Mi-Cleanser, or order direct from the factory.

Champion Chemical Co.

Charles Nichols, General Manager
Asheville, N. C.



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Pres. and Treas.

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Asst. Treas. and Mgr.

THE DAVID BROWN COMPANY

Lawrence, Mass.

NOTE our New Factory Additions and Improved Facilities for Manufacturing Our

"HIGH GRADE"

Bobbins, Spools and Shuttles

Correspondence Solicited

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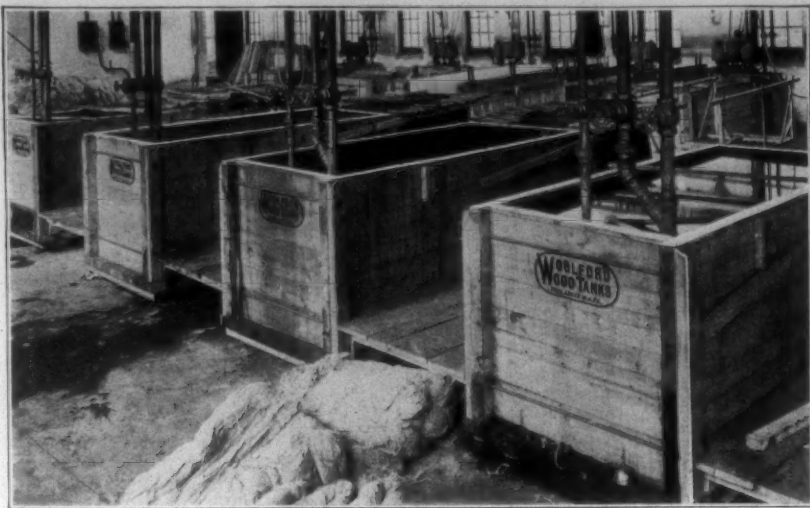
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JOBGING AND WHOLESALE TRADE

for the

DURHAM HOSIERY MILLS



They Speak for Themselves

*For over sixty years
Woolfords' have been
Exclusive Builders
of Wood Tanks.*

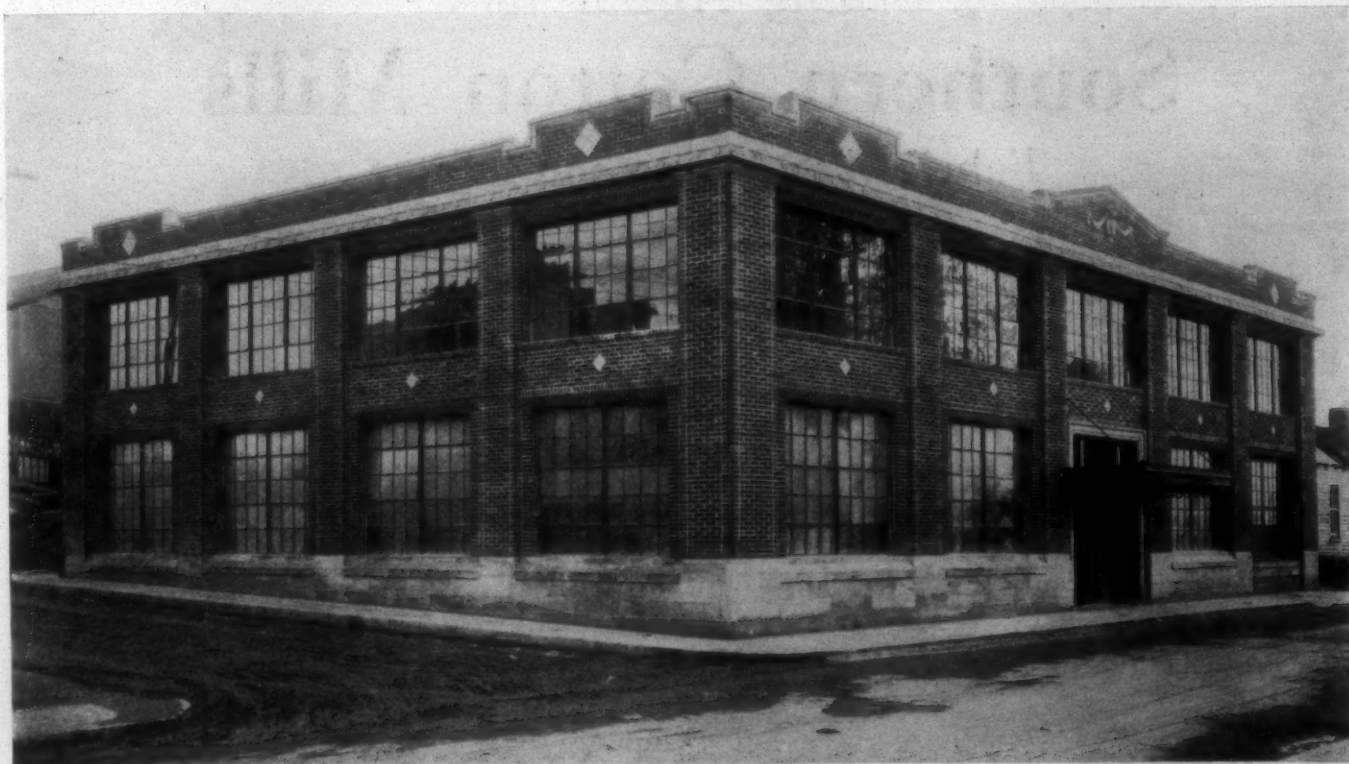
We solicit your inquiries.

We Build Tanks that will give you Service.

Ask for our New Bulletin A covering construction of
Tanks for all Textile Usages.

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Lincoln Bldg. Philadelphia, Pa.

When you think of Wood Tanks think of



NEW CHARLOTTE WAREHOUSE
ALEXANDER & GARSED, Charlotte, N. C.

Large Stock of Parts on Hand for Immediate Shipment

CROMPTON & KNOWLES LOOM WORKS
WORCESTER, MASS.

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WARP TYING MACHINES

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AUTOMATIC WINDERS

HIGH SPEED WARPERS

HAND KNOTTERS

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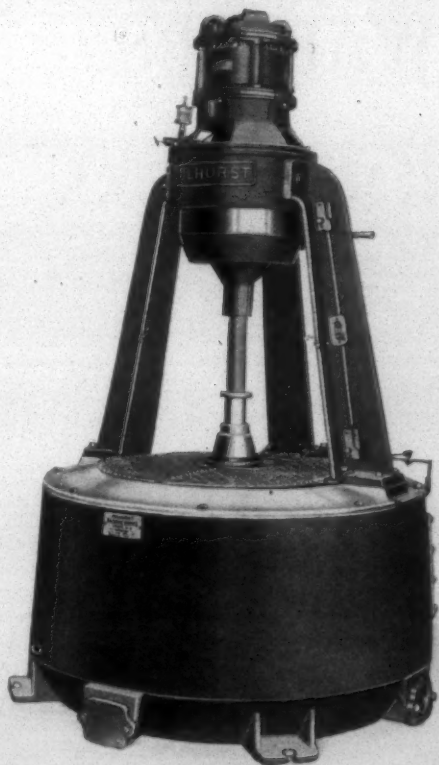
GREENVILLE, S. C.

Never Toils *and* Never Dances

Just SPINS—*and* Smoothly
Year after Year

In almost every mill where
an EXTRACTOR of any
name or nature is re-
quired, it is usually—The
Reliable

TOLHURST (REG. U. S. PAT. OFF.) EXTRACTOR



Illustrating the "Self-balancing" Direct
Motor Driven type, used extensively in
Textile Mills.

An experienced engineer from our
nearest office will be glad to advise
with you regarding your Extractor
requirements.

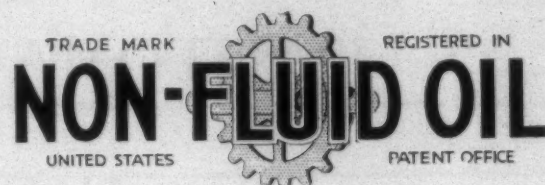
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Troy, N. Y.
ESTABLISHED 1852

BETTER **NON-FLUID OIL** LUBRICATION

Setting the Pace and Holding It

A swift runner may set the pace for awhile
—if he holds it he must have strength and
staying quality as well.

The remarkable thing about NON-FLUID
OIL is that it has been recognized by leading
mills as the leading textile lubricant not for
a year or two but for over twenty-five years.



MODERN TEXTILE LUBRICANTS

NON-FLUID OIL has the lubricating qual-
ity of the finest liquid oil but lasts longer and
so gives more effective and more positive
lubrication.

Lasting three to six times as long per appli-
cation as liquid oil, NON-FLUID OIL is de-
cidedly more economical in lubricant cost and
also saves in labor spent in oiling.

And last but not least—NON-FLUID OIL
will not drip, spatter or creep and its use re-
duces to a minimum depreciation of good cot-
ton spoiled by oil stains.

See what NON-FLUID OIL will
do for your machinery—fill out
coupon for free sample.

N. Y. & N. J. Lubricant Co.

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Southern Agent, L. W. THOMASON, Charlotte, N. C.

Ample Stocks at Our Branches:

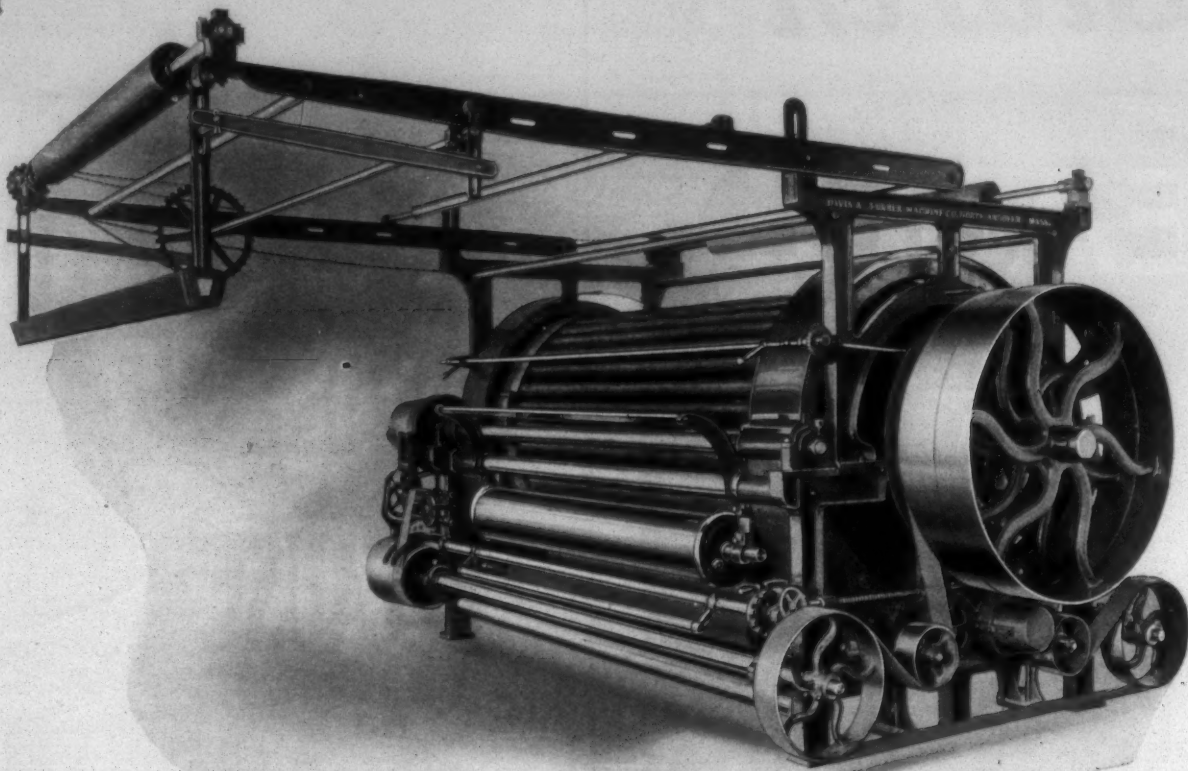
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Greenville, S. C.

Atlanta, Ga.

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AT LESS COST PER MONTH



36 ROLL DOUBLE ACTING NAPPER FOR COTTON GOODS

The Davis & Furber Machine Co.

of North Andover, Massachusetts

Established 1832

For 90 years manufacturing the highest type of Textile Machinery for Wool, Worsted, Cotton Waste, Jute, Mohair, Asbestos, Flax Waste, Silk Waste, and Shoddy.

Its Cards, Mules, Nappers, Pickers, Tape Condensers, Dressing Machinery, Card Clothing, Etc., are the Standard for America and are constantly being exported.

Spaces 291, 292, 293, 294, 295, 296, 297
Fifth Southern Textile Exhibition
Textile Hall, Greenville, S. C., Oct. 19-25



Starch



—and these Stars
have a meaning

They signify the different grades in which Thin Boiling Eagle Starch is offered to the textile industry.

Being the pioneers in the manufacture of Thin Boiling Starches, we are gratified at the widespread recognition they have received.

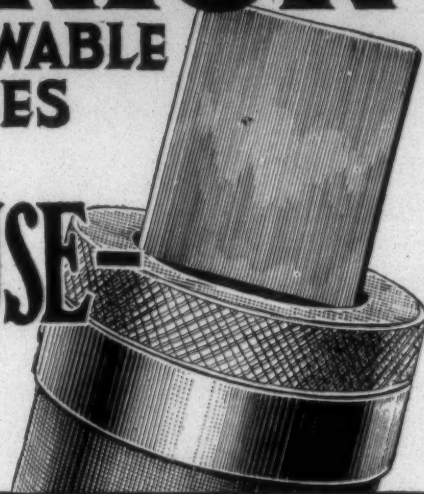
Be sure to select the grade best suited to your work. Our knowledge and experience is at your service.

Corn Products Refining Co.

NEW YORK

Starch

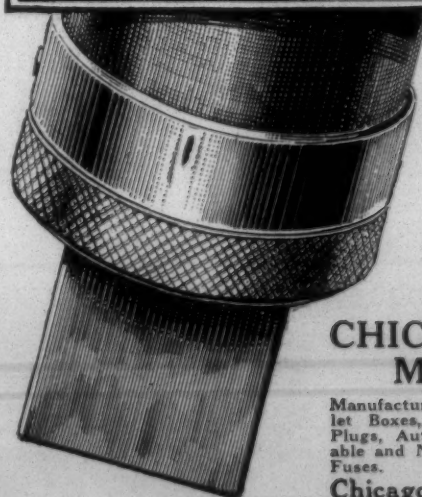
**USE
'UNION'
RENEWABLE
FUSES
BECAUSE—**



1. Simple in construction—no intricate parts.
2. Link blows without flash or violence.
3. Safety Valves permit gases to escape quickly.
4. Metal parts cannot fuse and stick.
5. Easiest and quickest to renew.
6. Fibre tube is extra thick and fire-resisting—Metal parts are exceptionally heavy.
7. Ferrules are screwed and riveted to outside of casing.
8. Withstand greatest number of blowouts.
9. They save more than ANY other renewable fuse.

"UNION" Fuses, Renewable and Non-Renewable, have the Underwriters' highest approval.

Sold by electrical jobbers and dealers



TRADE
MARK
REG. U.S.
PAT. OFF.



*Interesting
New Catalog
on request.*

**CHICAGO FUSE
MFG. CO.**

Manufacturers of Switch and Out-let Boxes, Cut-Out Bases, Fuse Plugs, Automobile Fuses, Renewable and Non-Renewable Enclosed Fuses.

Chicago New York

THE FUNCTIONS OF THE ENGINEER

The Need for Finishing Plants

AN UNFINISHED or partially finished product from a textile mill calls for the services of another manufacturer to complete the process before the goods can be put on the market.

It is not always expedient nor often advisable for every textile mill to add a finishing department. The output of one mill may not justify the investment, but a group of mills may easily support such a finishing plant to their own profit.

A finishing plant established in a locality adjacent to a number of mills of average capacity can be made of mutual profit to operator and customer alike, through economies of time, freight and service.

There are many localities where a finishing plant would develop a profitable market for its service.

This is a phase of the Textile Industry to which this organization of Engineers has devoted much study and in which it has had a sound experience.

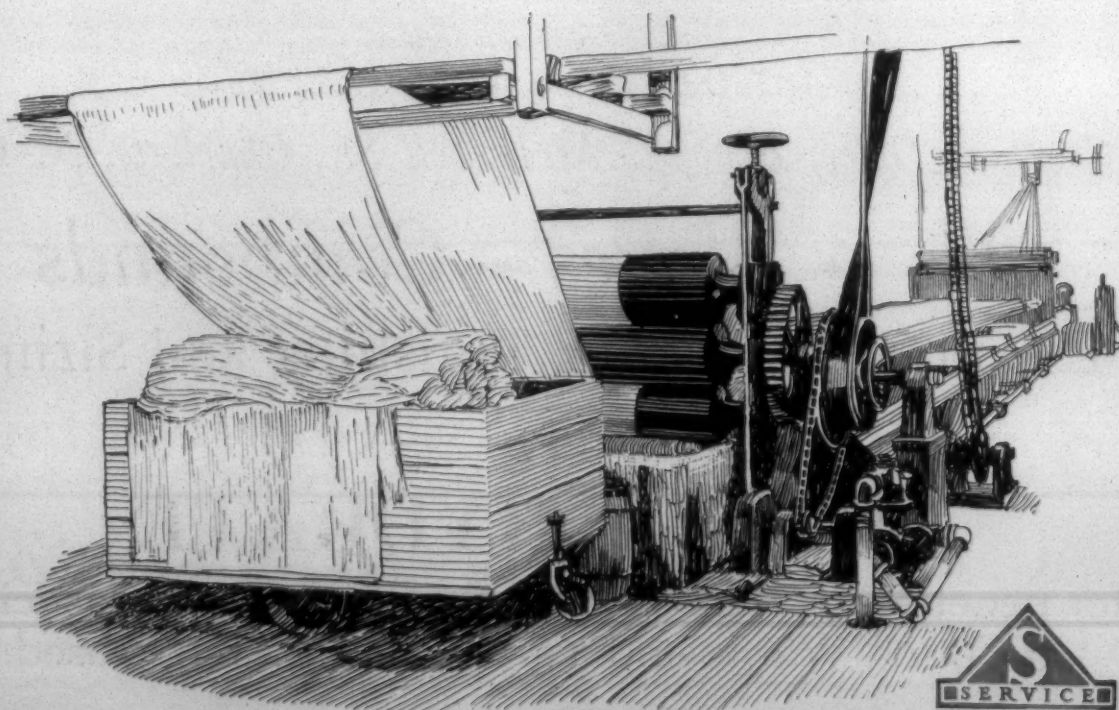
A discussion will entail no obligation and may prove highly profitable.

J. E. SIRRINE & COMPANY

Engineers

GREENVILLE

South Carolina



Let Us Fill Your Requirements

You are assured of complete satisfaction in all your dealings with us.

The quality of our products and the service we render are alone responsible for our growth. Emmons Quality Loom Harness and Reeds have retained every old customer and gained new customers year after year.

Write us for estimates on your needs.

—for—

Cotton Harness, Mail Harness, Selvedge Harness, Reeds, Slasher and Striking Combs, Warper and Liece Reeds, Beamer and Dresser Hecks, Mending Eyes, Jacquard Heddles, Etc.

EMMONS LOOM HARNESS CO., LAWRENCE, MASS.

SOLE AGENTS FOR WARDELL PICKERS

The Largest Manufacturers of Loom Harness and Reeds in America

Southern Representative: GEO. F. BAHN

EMMONS LOOM HARNESS AND REEDS

The New Brunswick Chemical Co.

Sales Office and Factory

85-105 Doremus Ave., Newark, N. J.

Southern Office, 10 South McDowell St., Charlotte, N. C.

Oils — Waxes — Compounds

Essential to Dyeing, Finishing and Sizing

Try

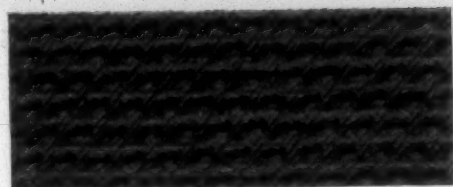
TERPOL HYDRATE

for penetration, thin boiling, smoothness and elasticity on Cotton Warps and Yarns where starch is used.

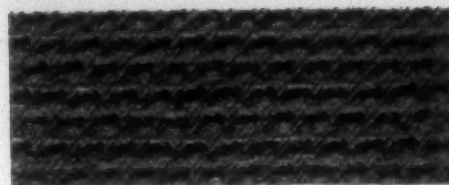
Try ROSELIN OIL for Hosiery

Write for Information

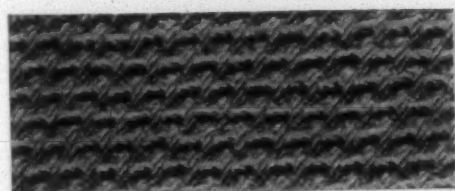
Standard Colors for
“Sonoco Cones”



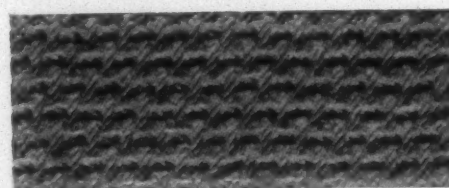
Red



Green



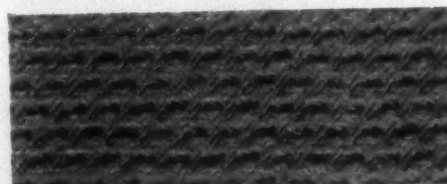
Yellow



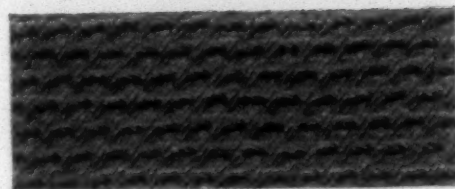
Pink



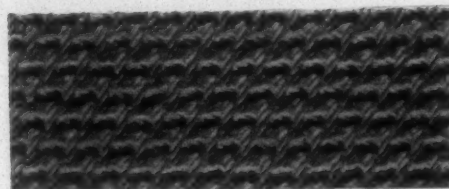
Blue



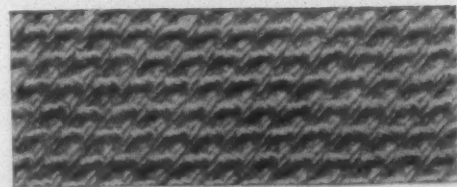
Orange



Tan



Drab



Standard Gray



Black

Southern Novelty Co., Hartsville, S. C.
for more than 20 years manufacturers exclusively of
Cones, Cores, Parallel Tubes

Our colors may vary slightly from shades shown above but variation in color will not be sufficient to interfere with practical use.
Other Colors can be Furnished as Required

L. T. Shurtleff, Eastern Sales Agent, New Bedford, Mass.
Tack up this color card for reference—it is published for your convenience.

“Yarnsaver”

(the Round-Nose “Sonocone”)

Those who have used our “Yarnsaver”, (Round Nose) Cones are so confirmed in their favor that we could find upon almost any of our re-orders a more or less brief but forceful phrase of commendation. Summed up, these testimonials proclaim that:

1.

“Sonocones” are as accurate as the other parts of the winder:

2.

They are perfectly round and accurately tapered:

3.

They are *invariably* Uniform in size and Quality:

4.

They have a unique surface that catches the yarn at the first lap:

5.

The surface also prevents the wound yarn from slipping off the cone:

6.

They are uniform in weight:

When ordering specify “Yarn-saver” if the round-apex cone (as illustrated) is required, or Regular, if the plain-end cone is preferred: Carload lots save freight.

7.

They wind the yarn into true even, handsome, quick-selling packages:

8.

They “knit-off” evenly to the last lap:

9.

They are thoroughly dried and seasoned:

10.

They are Balanced, therefore the tension is even throughout the package:

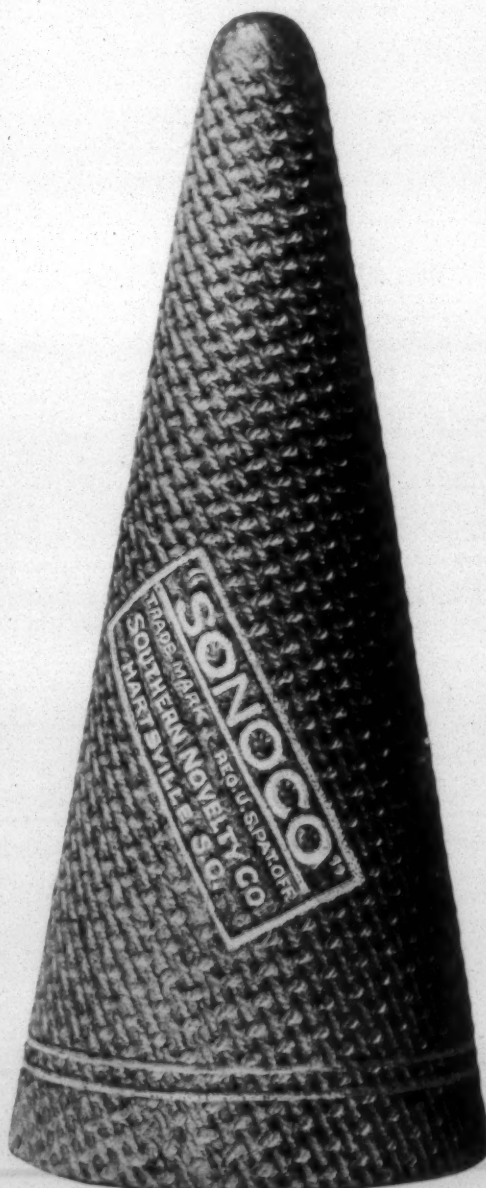
11.

They are carefully packed and always arrive in good condition:

12.

They starve the waste can.

If we are not familiar with your requirements, state taper of cones or send samples. We are usually able to fill orders promptly. We load into the freight cars at our very doors.



Prices uniform to all users: but

subject to change without notice.

Southern Novelty Co., Hartsville, S. C.

SOUTHERN TEXTILE BULLETIN

PUBLISHED EVERY THURSDAY BY CLARK PUBLISHING COMPANY, 39-41 S. CHURCH STREET, CHARLOTTE, N. C. SUBSCRIPTION \$2.00 PER YEAR IN ADVANCE. ENTERED AS SECOND CLASS MAIL MATTER MARCH 2, 1911, AT POSTOFFICE, CHARLOTTE, N. C., UNDER ACT OF CONGRESS, MAR. 3, 1879.

VOL. XXIV.

CHARLOTTE, N. C., THURSDAY, OCTOBER 19, 1922.

NUMBER 8.

Description of Exhibits

U. S. Bobbin & Shuttle Co.

The U. S. Bobbin & Shuttle Company, of Providence, R. I., had an exhibit which was one of the most artistic and attractive in the Exhibition and an exhibit which was in keeping with the well known reputation of this concern as manufacturers of high grades of bobbins, spools and shuttles.

A color scheme harmonious throughout was followed in the preparation of the booth, draperies and fittings, the soft and deeper brown and buff trimmings blending beautifully with the white and orange shellacs and brilliant enamels used in the finish on the bobbins, spools and shuttles presented for inspection.

Among the special features shown, besides "the largest bobbin in captivity," were the company's now famous "S eye" Automatic Shuttle, which has already been adopted by several well known loom builders.

G. Earle Holmes, who is well known to many southern friends, and Dana R. Crawford, Salesmen, were in charge of the exhibit with George H. Wilson, treasurer, and J. Henry Thorpe, sales agent, who welcomed old and new friends to spaces 500, 504, 525, 529, inclusive.

The Walraven Company.

The Walraven Company's exhibit showed in actual operation a modern and up-to-date machine shop such as shown be in every textile mill.

This exhibit comprised an engine lathe, milling machine, shaper, automatic gear cutting machine, power hack saw, motor driven emery stand, and other miscellaneous equipment, such as used in a textile machine shop.

Their exhibit was in charge of the following gentlemen: L. A. Quinn, J. B. McCord, S. L. Dickey, J. M. Frazier, J. C. Walraven, J. R. Walraven, and W. E. Whipp.

Eclipse Textile Devices, Inc.

The Eclipse Textile Devices, Inc., exhibited a Mason Spinning Frame equipped complete with their Eclipse Stop Motion Device, and both a Foster Winder and Whitin Spooler equipped with their Eclipse Yarn Cleaner.

Moccasin Bushing Co.

Moccasin Bushing Company, of Chattanooga, exhibited in space No. 250, part of a spinning frame equip-

ped with Moccasin Self Oiling Bushings, in motion, and also had quite a number of Moccasin Bushings suitable for other machines on exhibit and a quantity of brass and Bronze castings.

J. C. Sharp was in charge of the exhibit.

The Lunkenheimer Co.

The Lunkenheimer Company, of Cincinnati, had an attractive, interesting and complete exhibit of valves, lubricators, oil pumps, oil cups, grease cups, whistles, boiler

mountings and similar engineering specialties in spaces 556 and 557 and the time of any person stopping at these booths to observe the many well designed and constructed articles on display, was well spent. Users of Lunkenheimer products are now acquainted with the satisfactory service obtained from their installation but found numerous articles included in the exhibit which were of interest and about which they enquired regarding the intended purpose, application and design.

The display consisted of engineering products made of bronze, iron, cast steel and other special alloys suitable for practically any service. It was in charge of W. M. Hood who has been connected with this company for a number of years and is prepared to recommend a valve or other engineering specialty for practically any purpose requiring the use of an article of the nature manufactured by this company.

McClave-Brooks Co.

McClave-Brooks Company, manufacturers of McClave Combustion Systems had the following on exhibition:

One McClave Hand Fired Sloker, 5'x8" long by 26" wide, 1-4" mesh, with McClave Expansion Ash Front and section of fire front in addition to the wooden frame work for both the front wall and the bridge wall.

One set of McClave Type, 2-A Grates, 5'x6" long by 26" wide, 1-4" mesh.

One No. 1 style Dead Plate Cast Iron Ash Front and wooden bridge wall forms.

In addition to these two complete equipments were found the following:

One No. 2-A 24" H. Grate Bar Complete, 3-8" mesh, with 2 loose tops.

One No. 3 24" R. H. Grate Bar Complete, 1-4" mesh, with 2 loose tops.

One No. 4-A 24" R. H. Grate Bar Complete, 5-64" mesh, with 2 loose tops.

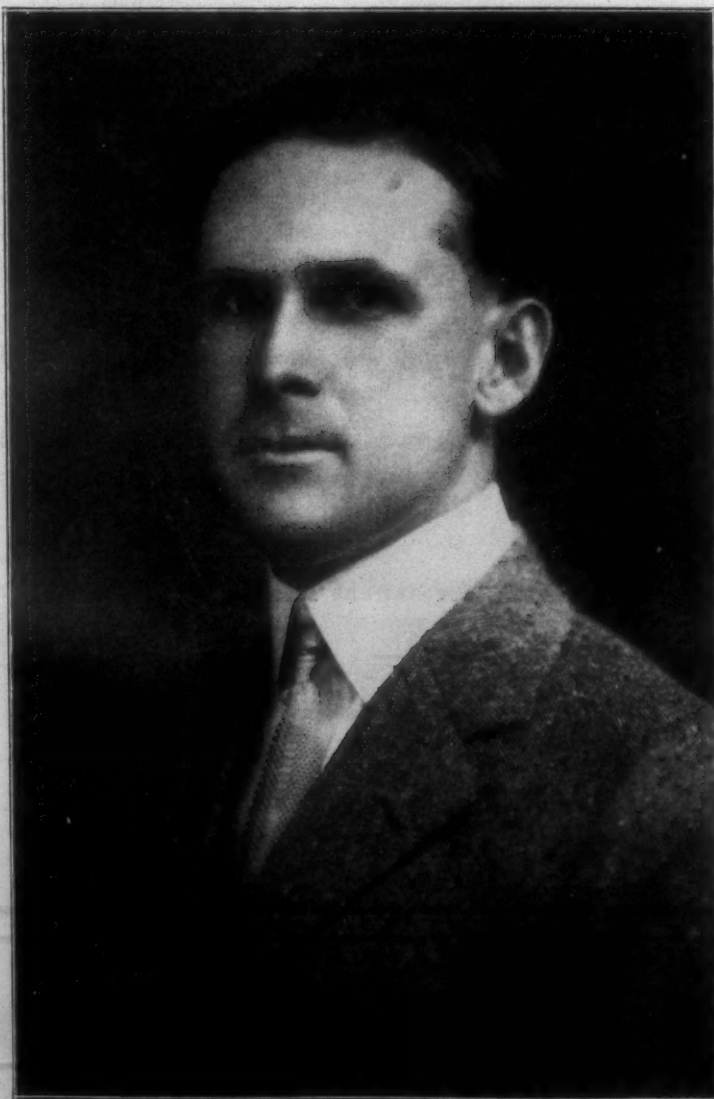
One No. 4-A regular top, 1-8" mesh.
One No. 4-A regular top, 3-32" mesh.

One No. 3 regular top, 3-8" mesh.
One No. 3 regular top, 5-32" mesh.
One "E" Blower, without valve.
One "E" Elbow for 18" wall.
One "E" Ring Only.

J. C. Sanders, the Greenville, manager, was in charge. For the first three days of the exhibit R. B. McClave, of Scranton, was also in attendance.

American Vulcanized Fibre Co.

The American Vulcanized Fibre Company showed their well-known Laminar Seamless Roving Cans, Mill Boxes, Trucks and other fibre mill receptacles. The exhibit was in charge of C. C. Bell, vice president, assisted by Mr. H. C. Hackett, sales manager.



JOHN W. CLARK, President Southern Textile Association

Description of Exhibits

Greenville Textile Supply Co.

The Greenville Textile Mill Supply Company displayed a general line of Textile and Electrical Supplies.

The electrical department was in charge of C. Q. Mason, manager, and the textile supply line was handled by J. R. Carter, of Greenville, S. C.; S. P. Rakestraw, La Grange, Ga.; H. O. Wallace, Greenville, S. C.

They occupied booth No. 462. Booths 463 and 464 were occupied by the Transmission Ball Bearing Company of Buffalo, N. Y. They had quite an elaborate exhibit showing Chapman Ball Bearings. Mr. C. M. Murray and Mr. Brown, of Buffalo, were in charge.

Booth No. 465 was occupied by the McLeod Leath & Belting Company, of Greensboro, N. C., and exhibited a full line of high grade belt. Those in charge of same were J. W. McLeod, Greensboro, N. C.; C. M. Me-

Clure, Anderson, S. C. and Jim West, Greensboro, N. C.

The Odell Mill Supply Company, their connection at Greensboro, N. C., had their headquarters with the Greenville Textile Supply Company and was in charge of R. W. Wallace, Greensboro, N. C., and J. E. Carri-gan, Burlington, N. C.

The Carlyle Johnson Machine Co.

The Carlyle Johnson Machine Company, Manchester, Conn., exhibited their full line of small compact friction clutches.

J. H. Roberts, Sales Engineer, was in charge of the exhibit and the agents in Greenville, South Carolina, who carry these clutches in stock there and distribute these in that territory are Norris Brothers, 110 East McBee Avenue. Mr. Roberts will spend some time in the Southern territory after the Exposition is over with a view of obtaining Southern agents and interesting various firms in that section of the

country in their line of manufacture.

Judson Mills.

The Judson Mills, Greenville, S. C., showed some of their newest patterns of dress goods, sport skirting, etc.

Chicago Bridge & Iron Works.

The booth of the Chicago Bridge & Iron Works was simply a display of photographs of their tower and tank and plate metal construction. R. M. Campbell and C. B. Smith attended the exposition.

G. G. Slaughter Machinery Co.

G. G. Slaughter Machinery Company, of Greenville, S. C., had slides showing a full line of Curtis & Marble Machine Company's Cloth Room Machinery. H. S. B. W. Cochran had on exhibition a Cochrane Master Cloth Recorder, Flow Meter, Multiport Valve, Steam Separator, and Multiport Drainer. The Greist Manufacturing Company had a full line of their drop wires in plain, nickel, and coppered. The Grinnell Company showed one of their Pack-age Dryers; The Shawmut Engineer-

ing Co., one of their Reed Cleaning and Polishing Machine.

Those in charge were G. G. Slaughter, J. W. Slaughter, Belton C. Plowden and James McCabe.

W. O. & M. W. Talcott, Inc.

W. O. & M. W. Talcott showed samples of every size of the "Talcott-Wilson" and the "Talcott-Combination" belt hooks for leather belting also the "Talcott-Clinching" belt hooks for rubber, canvas and all kinds of fabric belting, with sample splices in various kinds of leather and fabric belting for light and heavy drives and also had a neat little pocket calendar for distribution in their space No. 447.

Mathieson Alkali Works.

Mathieson Alkali Works had an exhibit at the Greenville Exposition, showing samples of their Eagle Thistle Brand Soda Ash, Caustic Soda, Sesqui Carbonate of Soda, Bleaching Powder, Liquid Chlorine, etc.

They occupied booths 492 and 493. Member of their Southern Sales organization attended the exposition.

L. C. Atkisson.

L. C. Atkisson, of Greensboro, representing H. F. Livermore Company, mill supplies, did not have an exhibit, it being their intention just to have a comfortable place where they could meet their mill friends and where they could rest.

L. C. Atkisson and F. W. Fanning were in charge of this exhibit.

The Holtzer-Cabot Electric Co.

The Holtzer-Cabot Electric Company exhibited their various types of Signalling Systems for mills and industrial plants. These systems include telephone annunciator, factory calling, fire and watch and fire alarm.

They also exhibited some of their specialties, such as equipoise telephone arms, testing magnetos, bells, etc. The company has specialized for many years in the manufacture of signaling systems as mentioned above and many of the largest plants in the country are equipped with this apparatus.

The exhibit was in charge of C. H. Gogel and William M. McCusker.

SKF Industries.

The exhibit of the SKF Industries consisted of a stand to demonstrate the relative efficiency of ball bearings and modern ring-oiling bearings for transmission equipment.

There were also numerous ball bearing units for textile machinery of all kinds—some of which were in actual operation, and some of which were cut away to show the details of construction. They also showed a complete line of their ball bearings, both two row, self-aligning, and single row, deep groove.

There were in attendance: R. H. DeMott, assistant general sales manager, New York City; A. H. Flint, in charge of textile equipment, New York City; H. A. Fonda, district sales manager, New England Territory, Boston; E. M. Potter, district representative, North Carolina, Charlotte; T. S. Jackson, district representative, Georgia; W. H. Holby, district sales manager, southeastern territory, Atlanta, who had charge of the exhibit.

The exhibit occupied spaces 568, 570, 594 and 596.

"BRETON" MINEROL

PRODUCTS FOR COTTON

"F" for FINISHING

"S" for KIER BOILING

Suitable Products Producing Permanent Results

BORNE, SCRYMSER COMPANY

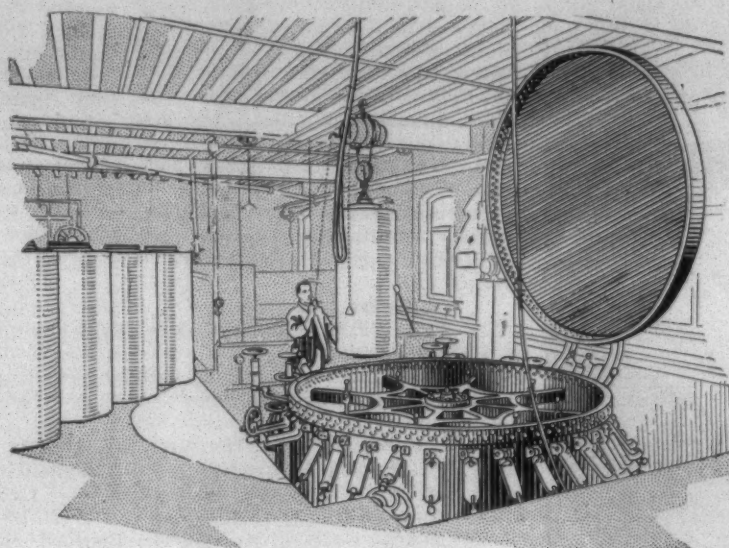
Established 1874

80 South Street, NEW YORK

BOSTON

PHILADELPHIA

Works: Elizabethport, N. J.



Yarn wound on cylinder
entering Beam Dyeing
Kettle.

Sulfur Blues for Cotton

Realizing that dyers are showing greatly increased interest in the newer and less expensive methods of dyeing such as raw stock, cop and beam dyeing, etc., the National Aniline and Chemical Company, Inc., has made a special study of the requirements of these processes.

It has produced a series of sulfur colors having excellent solubility and level-dyeing properties which are especially suitable for these methods of coloring. The Company calls the especial attention of cotton manufacturers to its three sulfindone blues—

National Sulfindone Blue B Conc.

National Sulfindone Brilliant Blue G. Conc.

National Sulfindone Indigo Blue B G Conc.

with full confidence that these will be found of excellent service in all classes of work whether in the various methods of yarn dyeing, on piece goods or on raw stock.

National Aniline and Chemical Company, Inc.

New York	Chicago	Charlotte	Toronto	Philadelphia
Boston	Hartford	Montreal	Providence	San Francisco

Description of Exhibits

R. P. Sweeny.

R. P. Sweeny had an exhibit consisting of the Pneu-Way Cleaner in actual operation. This machine is a portable suction cleaning machine using compressed air to create the suction. Long flexible suction hose is attached to the machine with which to do the cleaning. The Pneu-Way Cleaner is designed for the rapid and thorough cleaning of cotton mills and other industrial plants by air suction. Spaces 172 and 173 were occupied.

This machine has created a very widespread interest among indus-

trial plants, as it fills a longfelt want.

R. P. Sweeny was in personal charge of the exhibit.

Westinghouse Lamp Co.

The Westinghouse Lamp Company of New York, with local office at Atlanta, Ga., featured some of the new developments in lamps and lighting equipment suitable for textile mills. The new mill type Mazda lamps that have but recently been made tipless were demonstrated on a bumping device.

The value of this new product lies chiefly in the form of construction

that is employed in suspending the filament, there being but a very short glass stem that permits the lamp to withstand considerable vibration without breaking the filament. A complete line of large Mazda lamps used for mill lighting together with industrial types of reflectors was shown.

One feature of particular interest that serves as a guide to mill superintendents and gives them ideas for improving their lighting installations was demonstrated in a series of compartments showing each step that will tend to create better efficiency in the lighting of the mill. Panels showing the specifications and lighting service rendered by the Westinghouse Companies were also attractively displayed.

The exhibit was in charge of Robert B. Ely, of New York, and other representatives are E. P. Carpenter, District Illuminating Engineer and E. W. Schneider, representative of Atlanta office.

Rogers Fibre Co.

The Rogers Fibre Company showed a complete line of their products, including seamless roving cans with patented roll top and with metal top rim, copper plated; combination doffing cars of two types, the raised platform type and the wood platform type; stocks or mill boxes of several styles; warehouse cars, tapered mill boxes; store or mill barrels lightweight stock or box trays; waste baskets, gill boxes and other products of this well known company.

The company emphasized at the Exposition, the special features on their seamless Leatheroid Roving cans that mill companies will find well worth investigating.

The hard fibre used in making the Rogers Fibre Company's product is known as Leatheroid. This is pure cotton rag paper treated with sulphuric acid process, of which the company is sole manufacturer. The exhibit was in Booths 577 to 580.

J. L. Newkirk and Leon Rogers were with the exhibit.

Holbrook Raw Hide Company.

This company occupied space 440 and F. C. Eddleman was in charge showing their full line of hard Raw Hide products. Their exhibit consisted of the following goods: Raw Hide Loom Pickers, Protector Bumpers, Raw Hide Mill Baskets, Raw Hide Gear Blanks, Hide Faced Hammers and Raw Hide Mallets, Tenax Picker Leather and some of the raw products that go into the manufacture of their goods.

T. B. Wood's Sons Co.

T. B. Wood's Sons Company exhibited a general line of shafting equipment for cotton mills. They occupied spaces 466, 467, 494 and 495 and were represented by W. H. Fisher, Milton G. Smith, F. L. Marshall, W. T. Bronson and G. R. Washington.

Cresson-Morris Company

General Sales Agent C. R. Torkington, Sales Manager Charles H. Wolf, Jr., were at space No. 182 occupied by the Cresson-Morris Company.

They did not have any material on exhibition, but their representatives had sufficient literature covering the various articles manufactured by them, and were in position to give any information required by anyone visiting their booth.

Corn Products Refining Co.

The Corn Products Refining Company occupied spaces 505, 506, 523, 524, and had on display Textile Mill Products. In attendance were Dr. W. R. Cathcart, Technical Director Mill and Paper Division of the company, from New York city, John R. White, manager; A. G. Smith and H. Van Zandt, of the Southern office, at Greenville, S. C.

F. A. Lazenby & Co.

The booth of F. A. Lazenby & Co., was in charge of Jos. D. Lazenby, and S. S. Shiver.

They did not have machinery in operation, but had cuts and photographs of the Filling Winders which they manufacture, and also had wound samples of filling for all types of looms and for all yarn which is woven.

Hopedale Manufacturing Co.

The Hopedale Manufacturing Company exhibited a broad sheeting loom of new design with many improvements, and a 5-harness loom, and a plain loom with automatic attachments, also a full line of shuttles, and drop wires, together with several other new developments. They were represented by Jonas Northup, Geo. Otis Draper, Claire H. Draper, Fred Sails, and P. J. O'Connell.

L. V. B. Tension Co.

L. V. B. Tension Company, New Bedford, Mass., showed their spooling tension device. J. Ed Moore, general manager was with the exhibit, also Joe Barnes, A. B. Carter and C. E. Herriek.

The Fisher Governor Co.

The Fisher Governor Company displayed pump governors, reducing valves, steam traps and some of their liquid level controlling devices.

L. W. Browne attended from the Marshalltown office. They had their Atlanta representative, W. J. Neville there and Chas. M. Setzer, of Charlotte.

Aldrich Machine Works.

The Aldrich Machine Works exhibited sets of ball bearings for picker lap aprons and eveners rolls, and for slashers.

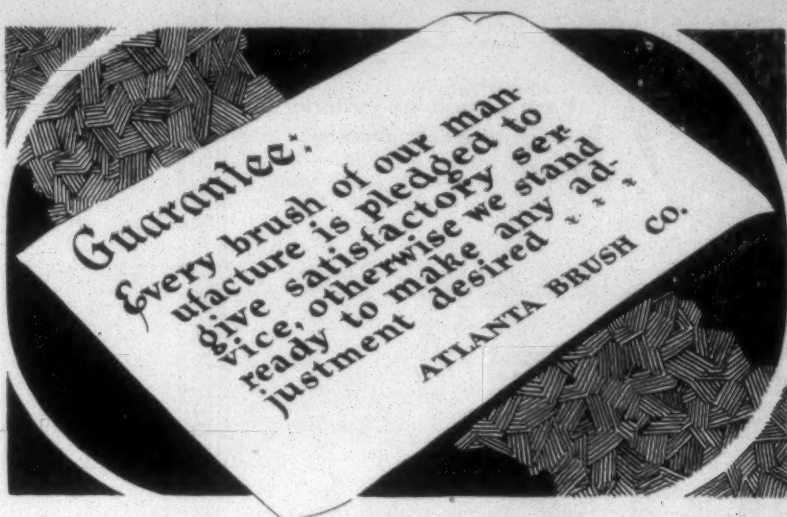
The results so many mill men report after equipping pickers with ball bearings on aprons and eveners rolls have awakened a great deal of interest in this application and for the benefit of those who are not familiar with the equipment and the simplicity of its application they had sets on display for all makes of pickers.

They showed a very effective and economical application of ball bearings for cylinder journals, and also a new ball bearing box for the size rolls, which is designed to stop the cutting out of stuffing boxes and the consequent waste of size and mess around the slashers.

Danville Conditioning Machine Co.

The Danville Conditioning Machine Company in spaces 230-231 showed Johnson's Yarn Conditioning Machine, a new invention. A machine attaching directly to the winder and conditions yarn up to any percentage of moisture desired as it is wound on the cones, requiring no further conditioning.

The exhibit was in charge of J. O. Boatwright, president of the company, and J. A. Johnson, Danville, Va., and R. Bigham Smith, Macon, Ga.



ASIDE from all thought of price or service, every cotton mill man knows it was our A. B. C. Guarantee that placed brush buying on an efficiency basis. In other words, you know, when placing your order, what to expect—what you are going to get.

The success of our brushes is due to the fact that we know what kind of brushes are needed in textile mills, and we, also, realize the importance of making them as good as it is possible for brushes to be made.

We have the facilities, machinery, equipment, ample space, abundant light, experienced workmen, and the desire to excel.

Perhaps that is why nine-tenths of the brushes used in Southern cotton mills are made by the

Atlanta Brush Co.

Atlanta, Ga.

**ATLANTA
BRUSH
COMPANY**

A Brush for every Textile Need

Description of Exhibits

Seydel Chemical Co.

In general, the exhibit of the Seydel Company embraced two distinct departments. The one, being a display of the well-known Sizol product for Textile Sizing and Finishing, and the other, a display of a line of medicinals especially interesting to the Hospital and First Aid departments of manufacturing establishments furnishing medical treatment to their employees.

Display containers of the various materials shown and samples of the medicinals were available for distribution as well as the usual literature.

The exhibit was in charge of Southern Representatives, S. C. Thomas and C. C. Clark, assisted by a trained nurse who was competent to explain the use and efficacy of the medicinals.

Whitin Machine Works.

The Whitin Machine Works did not exhibit any machinery but, however, had desk room and a place to entertain their friends. This was in the hands of Messrs Dalton, Porcher and Lysterly and their southern representatives.

DeLoach Quick Ice Machine Co.

The DeLoach Quick Ice Machine Company, of Columbia, S. C., occupied sections 213 and 214. Their exhibit consisted of a DeLoach Quick Ice Machine in operation.

The DeLoach machine has a patented "Center Freeze" system

which enables it to freeze ice in from ten to twelve hours. This feature makes the machines especially interesting to textile mills, as it may be used to utilize surplus power during the night or during the day or both. The plant may be closed down for days at a time and the day it begins operating there will be a freeze of ice.

The plants are so simple in operation that any mill employee can successfully operate the plant. Some mills have DeLoach plants in connection with their company stores and the store employees run the plant during spare time. Other textile mills have their engineer watch the plants and no additional employees are required.

E. K. DeLoach, Leland DeLoach, Fred Ginter and E. H. Salmon were in attendance at the DeLoach display.

Kaumagraph Co.

The Kaumagraph Company exhibited at the Greenville Exposition the use and application of Kaumagraph Dry Transfers in connection with textiles of all characters. There include hosiery, underwear, woollens, cottons, silks, garments, and many specialties. Although they did not have on hand a machine for demonstrating the application of the transfers mechanically to cotton piece goods they had photographs which explained in full this feature of the proposition. The booth was

in charge of Charles H. Campbell, standard pattern of self-oiling cast-who is located at the southern office

of the Kaumagraph Company, at 7 East Third Street, Charlotte, N. C.

During the last few years the Kaumagraph Company has made a strenuous strives in the southern field. Many large accounts have been opened among the prominent mills. They do everything in their power to prove their service, and to assist mills, jobbers, and large retail stores in this feature of their business.

The use of trade marks and other methods of identification has become a matter of great importance in modern methods of merchandising. Kaumagraph service has become synonymous with promptness, fairness, and goods of high quality.

Keystone Lubricating Co.

Keystone Lubricating Company, Philadelphia, had a motor propelled display outfit illustrating the Keystone method of lubrication, samples of lubricating greases suitable for reduction in the lubricating costs of textile machinery, electric signs, etc.

Standard Fibre Co.

At the Southern Textile Show, at Greenville, the Standard Fibre Company had on display a complete line of their well-known No-Waste Seamless Hard Fibre Roving Cans, in various diameters, and with the new and improved types of Metal and Rolled Fibre Tops.

They also displayed various styles of Hard Fibre Mill Boxes and Cars, and a new style of Steel Clad Car with continuous steel angle in the

J. W. Brock and F. A. Daggett were in charge of the exhibit.

Ware Shoals Mfg. Co.

The Ware Shoals Manufacturing Company showed their line of cloth that they make; also a complete line of bags of all kinds and had a great many pictures illustrating the work done along health lines for its employees.

The exhibit was in charge of C. L. Hammett of the cloth room department.

H. W. Butterworth & Sons Co.

The H. W. Butterworth & Sons Company exhibited the following:

Five-roll Calendar for finishing gingham, chambrays, etc.

Straight Tenting Machine equipped with their patent automatic clamp chain.

Our Foxwell Pneumatic Guider and some other features, among these being a Thermostatic Valve (patent applied for). These valves are placed directly on the head of the cylinders and give a marked increase in efficiency.

The spaces occupied were 145, 146, 147, 148.

A. W. Harris Oil Co.

A. W. Harris Oil Company occupied spaces No. 513 and 514.

Their exhibit consisted of samples of their product, together with samples of containers.

The exhibit was in charge of Southern Representative Wm. M. Kendrick.

"Back To Normalcy"

While the only "normalcy" we know is to go forward, at the same time, if you want a pre-war record on cloth production, percentage of seconds, and at low weaving cost, here is a record MADE WITH "DUPLEX" STEEL LOOM HARNESS:

Total number of looms.....	560
Total number of days operated.....	308.1
Actual number of hours operated.....	3,290
Total number of yards produced.....	5,802,178
Actual percentage for 3,290 hours.....	94.47%
Percentage of seconds on total yards.....	3.58%
Kind of goods made.....	4.00 yard "eighty square" print cloth

(Note:—The same "Duplex" loom-harness on which the above record was made in 1915 at the Aragon Cotton Mills, Rock Hill, S. C., is still approximating this record after seven years constant running. We can show records of our loom harness costing a mill as low as 10 cents per shade per year for 10 years.)

Steel Heddle Manufacturing Company

GREENVILLE

PHILADELPHIA

PROVIDENCE

Southern Office

Greenville, S. C.

Hampton Smith, Sou. Mgr.

N. B.—We are sole manufacturers of Nickel-Plated drop-wires for every kind of loom

Description of Exhibits

Foster Machine Co.

The Foster Machine Company showed their different Cone Winders, Tube Winders and Doublers for Cotton Yarn at the Greenville Exposition, and as a special feature, demonstrated the Foster Single and Two Process Systems of doubling before twisting.

All of these machines have newly designed attachments that were of interest to present users. They also demonstrated the Foster Spooler Guide which is used on Filling Wind Spoolers, which was of interest to both Cloth and Yarn Mills.

Shambow Shuttle Co.

The exhibit of the Shambow Shuttle Company was a complete line of power loom shuttles made of both Dogwood and Persimmon wood also fibre re-enforced dogwood and persimmon wood, for all kinds of plain automatic and filling replenishing looms.

Especially was the exhibit interesting to makers of tire duck where the fabric must be free from knots and slugs and where the shuttle is expected to prevent such imperfections going into cloth, also where the strength of the fabric must be as uniform as possible. Many are the patented features for this particular work. Also users of automatic filling replenishing shuttles had an opportunity to see the excellent shuttles made by this company.

Officers of the company were in attendance during the entire exhibition and were there at all times to discuss the shuttle problems.

The Dana S. Courtney Co.

The Dana S. Courtney Company's exhibit was located in spaces 537, 538 and 539. Exhibits comprised a large variety of filling bobbins both for plain looms and automatic looms; warp bobbins with both warp and filling wind; twister bobbins; cardroom bobbins; skewers; and warp and twister spools. These samples showed the quality and workmanship of goods made by this company, and comprise what might be termed representative samples of the various styles and sizes of spools and bobbins used by cotton mills.

The exhibit was in charge of A. B. Carter, of Gastonia, N. C., Southern agent, S. T. Packard, general manager, also was in attendance.

The Root Company.

The Root Company showed a complete line of counting machines, including loom and special adaptations of regular counters to textile machinery. Representative counters in actual operation upon a power table showed just which counter may be used in each particular case.

Their loom pick counter was shown in actual operation on the loom manufacturers. A hank counter was also shown on a spinning frame and the Bristol counter on a mule spinning frame.

A. E. Kallinich, W. A. Kennedy and J. T. Chidsey were with the exhibit.

Crompton & Knowles Loom Works.
The Crompton & Knowles Loom Works had in their exhibit a very large number of photographs showing the various looms which they manufacture and distributed bulletins and descriptive and descrip-

tive information on the respective types of looms. There was room and ample space to entertain all of their friends.

Those attending were: F. W. Howe, Providence, R. I., vice president and in charge of the cotton sales department; P. B. Heywood of the Worcester office and Cotton sales department; S. B. Alexander and W. H. Wylie, of the Southern sales office.

Howard Bros. Mfg. Co.

Howard Bros. Manufacturing Company were at booths Nos. 455 to 458, inclusive.

They operated a card clothing machine, and also exhibited a small machine which was built in 1800, showing the progress which has been made since that time; an exhibit of heddles; and a B. S. Roy & Son grinder.

Herbert Midgley, the president; E. M. Terryberry, Southern agent; Guy L. Melchor, assistant Southern agent; and P. B. Marsden, superintendent, were in charge of the booth.

The Stafford Company.

The Stafford Company reserved one entire section in the center of the hall, spaces Nos. 217, 229, 234 and 246, embracing a total of 1,200 square feet.

They showed the following looms:

Shuttle-Changing Looms.

1. 10/4 sheeting loom making a standard piece of broad sheeting.
- This loom and the 10/4 bobbin-

changing loom were running on identical goods, side by side.

2. 40" loom weaving marquisette cloth equipped with the new Stafford marquisette motion.

3. 40" loom weaving a piece of fine lawn running both on cops and bobbin filling.

It will be noticed from the above that they had on exhibition seven looms, four of them bobbin-changers and three shuttle-changers. They were all driven by direct connected motors which supplied by the Westinghouse Electric and Manufacturing Company, the General Electric Company and Allis-Chalmers Company.

The exhibition was in charge of the Southern office of the Stafford Company whose representatives W. R. O'Hara and D. C. Dunn were in attendance. Several of the officials from Readville also were there during the week.

Davis and Furber Machine Co.

Davis & Furber Machine Company exhibited a 36 roll napper 84" wide for cotton goods and a traverse grinder for surface and side grinding of clothing on napper rolls. These machines are electrically driven and are of the most modern type. The exhibit was in spaces 294-297 and were in charge of the well known napper expert, Frank Abraham.

Bobbin-Changing looms.

1. 10/4 sheeting loom making a standard piece of broad sheeting.
2. 36" loom equipped with a Stafford 20-harness dobby weaving of fancy shirting.
3. 32" loom weaving a denim.

4. 40" loom weaving a piece of print cloth.

The Veeder Manufacturing Co.

The Veeder Manufacturing Company exhibited a full line of their recording devices for textile machinery. They also showed a weaving shed in miniature with looms in operation. D. H. Post, R. H. James, W. C. Waldo were in charge.

A. C. Lawrence Leather Co.

A. C. Lawrence Leather Company displayed their line of Roller Leather in booth 453 at the Southern Textile Exposition.

Roller Leather and rollers covered with this product were on display. Henry Hersey and L. Y. Styles, superintendent of the Winchester Tannery were in charge of this exhibit.

The Terrell Machine Co.

The Terrell Machine Company had one "Utsman" Quill Cleaning Machine and one "Terimaco" Roving Bobbin Cleaning Machine. This latter machine is not so well known as the "Utsman" machine. It is designed for cleaning roving bobbins, reworking the waste in such a manner as to enable the mill to mix it directly with raw stock without the necessity of running it through a waste machine.

E. A. Terrell, president of the company, and O. L. Richardson, salesman, were in charge of the booth. The space numbers were 155 to 161, inclusive.

Hyatt Roller Bearing Co.

The Hyatt Roller Bearing Company exhibited a full line of their roller bearings for textile machinery of all types. A loom crank shaft and cam shaft fitted with Hyatt bearings and Hyatt replacement boxes for looms, spinning frames, twisters, cards, pickers, etc., was demonstrated.

The Hyatt booth was in charge of C. W. Hugent, textile engineer; W. B. Wachtler, directing general applications engineer and John F. McGuinness, directing transmission engineer.

Ruggles-Klingemann Mfg. Co.

The Ruggles-Klingemann Mfg. Co., Salem, Mass., exhibited the following:

R-K Adjustable Chronometer Valves.

R-K Step Compensated Fan Engine or Damper Regulators.

R-K Temperature Control Regulators.

This equipment was of interest to the master mechanic of the large textile mills with regard to draft regulation, and also temperature control for large storage heaters, tanks, dye kettles, etc.

Walter G. Ruggles, president, was in attendance in company with their Mr. Kimball, mechanical engineer, was in a position to explain the operation of the equipment and discuss problems of interest with all those with whom they had an opportunity to do so.

Norris Bros.

The exhibit of Norris Bros., of Greenville, S. C., was a general line of mill supplies, as well as of automatic and hand threading shuttles such as they manufacture.

The bobbin factory is being built but they were not able to turn out any bobbins by the time the Exposition came on.

Why a Morse Silent Chain

The Morse silent chain is used because of its superiority based on the design of the exclusive "rocker-joint" construction, the very highest grade of material and heat treatment, the extreme accuracy in manufacturing and the engineering assistance in the designing of textile drives by engineers trained in this particular line and backed by the long standing reputation of the MORSE CHAIN COMPANY.

**DO YOU KNOW about the MORSE Line Shaft Drive,
The MORSE Spinning Frame Drive?**

Write for Booklets

Send for INFORMATION Address NEAREST Office
FACTS will Surprise You



Morse Chain Co.

Ithaca, N. Y.



ASSISTANCE FREE
CHARLOTTE, N. C., 404 Commercial Bank Building
Cleveland
Chicago
Baltimore
Boston
New York
Detroit
Philadelphia
Pittsburgh
San Francisco
Atlanta
Montreal
Minneapolis
St. Louis

"MORSE" is the guarantee always behind our
Efficiency, Durability and Service

COOPER & GRIFFIN

(INCORPORATED)

W. S. GRIFFIN, Pres. & Gen. Mgr.
WADE COTHRAN, Secy-Treas.
W. F. JACKSON, Asst. Treas.
D. E. McCUEN, Asst. Manager

COTTON

OFFICES
GREENVILLE, S. C.
SPARTANBURG, S. C.
CHARLOTTE, N. C.
SAVANNAH, GA.
TOCCOA, GA.
ATLANTA, GA.
NORFOLK, VA.
ANDERSON, S. C.
MACON, GA.

GREENVILLE, S. C.

(Telegraph Codes, Shepperson and Meyers)

W. C. Cleveland, Pres.

C. T. Turner, Mgr.

PIEDMONT BONDED WAREHOUSE and COMPRESS COMPANY

GREENVILLE, S. C.

Capacity 60,000 Bales

Full Sprinkler System

Concentration and reshipment privilege from entire cotton belt

Storage and Consignments Solicited

Description of Exhibits

Detroit Graphite Co.

Detroit Graphite Company had an exhibit showing their complete lines of paints and particularly Sta-White, for mill interiors; house paints for the villages, and Superior Graphite Paint for the protection of metal.

Both Hext M. Perry and George W. Cureton, of the Greenville office, attended the convention, as well as E. C. Roberts, advertising manager.

Their exhibit was made up for the most part of a large frame about 20' long and 4' high, on which was mounted large size wood and concrete panels showing their various products.

William Sellers & Co., Inc.

Wm. Sellers & Co., Inc., occupied spaces 429 and 430 at the Fifth Southern Textile Exposition, October 19th and 25th.

They showed their complete line of Power Transmission Specialties including several old pieces of machinery after seventy years of continuous service.

Original Ball and Socket Hanger, Double Cone Vise-Couplings, several types of Pulleys and various kinds of modern belt carrier devices were shown.

A. G. New, Southern Sales Agent, and J. Charles Hinton from the Philadelphia plant were in charge of the display.

North Carolina Reed Co.

The North Carolina Reed Company's exhibit at the Fifth Southern Textile Exposition, consisted of a variety of loom reeds for weaving cotton, silk and wool, striking combs, slasher combs, beamer's hacks, etc. They also displayed samples of finished woven plain and fancy goods donated by their mill customers.

This display was unusual in so far as loom reeds are concerned as they not only had samples of the ordinary cotton reeds which are used extensively throughout the South, but also fancy metal loom reeds, such as the famous Suter Leno Reed for Marquisette Weaves, Leese Reeds, Fan Reeds, Double Reeds, Webbing Reeds, Warper Reeds, etc.

F. A. Decker, Southern sales representative had charge of the booth (No. 733). Frederick Suter, President and Treasurer, G. A. McFetters, manager, and A. J. Murphy, Eastern sales representative were also in attendance. A. J. Murphy has had a wide and varied experience in the weaving of plain and fancy goods with Eastern mills, therefore, it was interesting as well as instructive for the patrons of the Exposition to visit their booth.

Bahan Textile Machinery Co.

Bahan Textile Machinery Company, Greenville, S. C., Booth No. 305-306, showed the Corn Swinging Idler Cone, for Kitson Pickers in operation. This device has been adopted by numerous mills this year. They also showed the Platt Patented Bobbin Support, a number of mills having equipped all their looms and saved a large amount of money by cutting down their breakage. In addition there was the Corn Rocker and Parallel Bearings, over 160,000 looms equipped.

Those in attendance were Wm. H.

Bahan, Jr., Geo. F. Bahan, J. C. Williamson, W. R. Widdup and L. E. Shooks.

The Keever Starch Company.

The Keever Starch Company showed in their booths 532 and 533 their usual line of Wheat and Corn Starches for Laundries, and their famous Thin Boiling Victor Mill Starch in standard and 40 fluidity for Weaving Mills.

There were in attendance at their booth Charles J. Kurtz, General Manager, of Columbus, Ohio; James H. Maxwell, D. H. Wallace and Claude B. Iler, Southern Representatives; Mrs. Jack Iler and Miss Frieda Iler, Assistants.

Southern Franklin Process Co.

Southern Franklin Process Co., Greenville, S. C., exhibited in booths 1009-10-11-12 and displayed fabrics made from yarns dyed by them. They also had a model of one of their machines and various literature concerning their machines and process. J. Erwin of their New York office and J. E. Beattie from the plant were in attendance.

J. E. Serrine & Co.

In the J. E. Serrine & Company booth were shown:

Large Transparencies of Modern Textile Mills and Weave Sheds; Interior of Weave Room, Cloth Room, and Dyeing, Bleaching and Finishing Plants.

There were also several groups of photographs showing: Application of electric motor drives in all departments of textile mills; steam and

hydro-electric power plants, and industrial community developments.

Several representatives of the company were in attendance at the booth.

Henry H. Orr.

Henry H. Orr, Greenville, in spaces 566 and 567 exhibited products of the following manufacturers:

Anchor Post Iron Works, chain links and factory fences.

The Bahson Company, humidifiers. Hill Standard Company, play ground apparatus.

Truscon Steel Company, steel sash and reinforcing steel.

G. Drouve Company, puttyless skylights.

Ed Ferger, Geo. W. Forster and Gilbert White and Mr. Orr were with the exhibit.

Bird-Potts Co., Inc.

Bird-Potts Co., Atlanta, exhibited and demonstrated all methods of autogenous welding, featuring the electric arc, also the automatic features of electric arc welding for use in cotton mills.

This was the first presentation of the electric arc and automatic arc in connection with cotton mill welding, and proved very interesting.

The exhibit was in charge of George Bird, with J. M. Payne, Sales Manager; and J. K. Webb, expert electric and Oxy-Acetylene Welder, as assistants.

Boiler Equipment Service Co.

The Boiler Equipment Service Company, of Atlanta, had models of the Files Hand Fired Stoker, as manufactured by the Gibby Engineering Company, East Boston, Mass, showing mechanical construction

and advantages of this type of stoking equipment.

They also had a full exhibit of Roto Turbine Tube Cleaners which are used for cleaning all types of boiler tube surfaces.

In addition was an exhibit of Refractory Materials as manufactured by the Chas. Taylor Sons Company, of Cincinnati, Ohio, from their famous Olive Hill, Kentucky, fire clays.

They had an exhibit of Drake Non-Clinkering Furnace Blocks, as manufactured by the Drake Non-Clinkering Furnace Block Company, of New York City.

They also showed an exhibit of Boiler Draft Gages, as manufactured by Lewis M. Ellison, of Chicago, Illinois, and Cox Indicator as manufactured by the Dwight Manufacturing Company, of Chicago, Ill.

Present were their representatives E. A. Brooks, J. N. Fisher and N. W. Halliday, Jr.

Link-Belt Company.

Link-Belt Silent Chain Drives as applied to Textile Machinery, and in particular as used in cotton mills, were shown completely in the exhibit of the Link-Belt Company. A spinning end frame was shown completely equipped with a motor and silent chain drive, including the automatic lubricating casing, and was seen in operation. This equipment is now standardized and can be applied to any spinning frame or twister. In addition there were silent chains of various sizes as used for drives of both small and large horsepower in various mill applications.

An exhibit not before shown in the South was a new design of silent chain "Paradox." This device which included a silent chain of new and unique design, demonstrated in interesting detail the smooth and quiet operation of a silent chain drive at high speed.

A large number of interesting photographs, some of them enlarged were on view, illustrating the individual applications of silent chain drive to cotton mill machinery as well as the group lineshaft arrangement.

Representatives from the factory and southern offices were in attendance, and had available detailed information regarding the different types of silent chain drive installations.

Jordan Manufacturing Co.

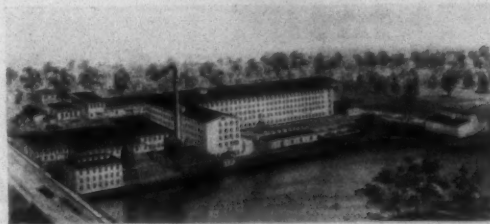
The Jordan Manufacturing Company displayed a full line of high grade bobbins, skewers, clearers, and cops which they manufacture at both their plants, the home office and plant No. 1 located at Monticello, Ga., and Plant No. 2, at Toecane, N. C.

Members of the firm of L. K. Jordan and A. D. Roper will be in attendance.

Georgia Webbing and Tape Co.

The Georgia Webbing and Tape Company, Columbus, Ga., had an exhibit in booth 427 consisted of a display of the various styles of spinning and twister tapes for cotton mills made by this company. They also showed their complete line of webbings and narrow fabrics made for the automobile top trimming and tube and tire trades. John S. Roberts, president; C. M. Young, treasurer, and Miss M. B. Roberts, secretary, were in charge.

HOME OF WILO PRODUCTS



WIDEN-LORD TANNING COMPANY,
DANVERS, MASSACHUSETTS.

where "WILO" leather is tanned and made into
Check Straps, Harness Straps, Jack Straps, Lug
Straps, Loop Pickers and other Loom Strapping.

GRAHAM SLAUGHTER

Southern Representative

GREENVILLE, S. C.





VOGEL

PATENTED

Frost Proof Closets

Over 350,000 giving satisfaction. Save water---require no pit---simple in the extreme. In service summer and winter.

Built to Stand the Hardest kind of Service

VOGEL Automatic Closets

PATENTED

for Schools, Factories and Comfort Stations

VOGEL No. 9 Closet

PATENTED

Working parts handy to get at. Nothing intricate. Vitreous China bowl, syphon action. Brass Valves Nickled.

VOGEL

PATENTED

Number 5



The best and simplest factory water closet on the market. All closets tested under hydraulic pressure before leaving the factory.

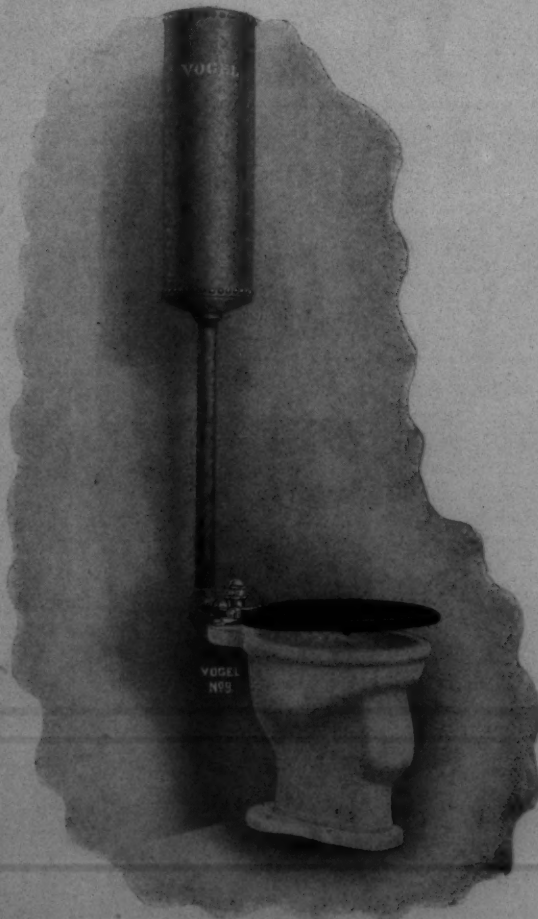
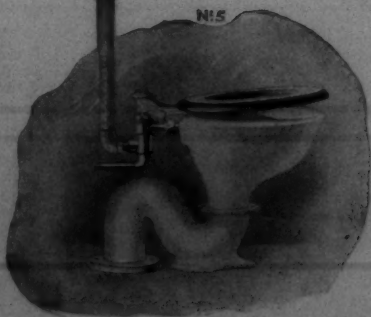
Thousands being installed

Ask Your Jobber

Jos. A. Vogel Co.

Wilmington, Del.

St. Louis, Mo.



Charlotte Supply Co.

Charlotte, N. C.

General Mill Supplies

—Distributors—

THE PHILIP CARY COMPANY
PRODUCTS

Roofings Shingles (composition)
Wall Board

Paint for felt and metal roofs

Asbestos Covering Cement

Underground Steam Pipe Insulation

Estimates for Roofing Applied and Steam Pipe
and Boiler Insulation Furnished and
Work Promptly Executed



Pee Gee Industrial Paints

SINCE 1867

You want greater efficiency—better working conditions for your employees—greater production—you want a mill white that does not turn yellow and that lasts for years—in short, you want Pee Gee Millite which has successfully solved the problem of real paint economy.

This "Hundred Point" Mill White helps to utilize every ray of light that enters your mill, thereby increasing the working hours by daylight and decreasing the use of artificial light.



For Walls and Ceilings of Mills

Pee Gee Millite is made by our own perfected process of especially prepared white pigments and long oil, therefore it will not turn yellow like ordinary paints which contain lead and varnish.

It is an economical paint because it is washable, durable, germ and moisture proof—saves the expense of frequent repainting, does not peel or crack and withstands the vibration of heavy machinery.

Pee Gee Millite spreads freely and is easily applied on wood, plaster, stone, brick or metal surfaces, having a covering capacity of 450 to 550 square feet per gallon. It is made in gloss enamel or eggshell finish.

We supervise the Job at our Expense. Write for Sample Board.

Other Pee Gee Industrial Paints

Pee Gee UTILITY RED OXIDE—For warehouses and outbuildings.

Pee Gee PORTLANITE—For cement, concrete and brick.

Pee Gee SHINGLE STAIN—For shingle roofs and rough weather boarding.

Pee Gee MILL VILLAGE PAINT—For exteriors and interiors.

Pee Gee DREADNAUGHT BLACK—For metal surfaces.

Pee Gee FIROFEND—Fire retardant paint.

Pee Gee PATCH-IT-ALL—For renewing old composition roofs and stopping leaks.

Pee Gee ENGINE ENAMEL—For heated surfaces in boiler and engine room.

Write for Booklet on Pee Gee Industrial Paints

Peaslee-Gaulbert Company

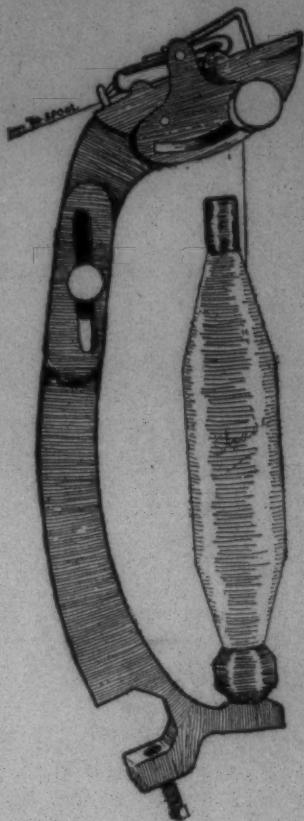
Incorporated

ATLANTA

LOUISVILLE

DALLAS





IN OPERATION
IN BOOTH 536

Will Enable Any Mill to Substitute Filling Wind for Warp Wind with Great Reduction in Waste and Tremendous Increase in Production.

Can handle any size yarn including numbers above 150s.

Used for two years by dozens of New England Mills. Highly recommended by every one who has tried it.

L. V. B. Tension For Spoolers

The Perfect Tension at Last

Steady uniform drag at any speed or under any conditions without slightest injury to yarn. Gives even hard spool with no soft spots.

Sensitive as human finger yet absolutely fool-proof.

Successful at Any Speed—Even at 1400 r. p. m.

Cannot collect lint or dirt.
Automatically self-threading.

Does Not Fasten to Traverse
Try it at our expense.

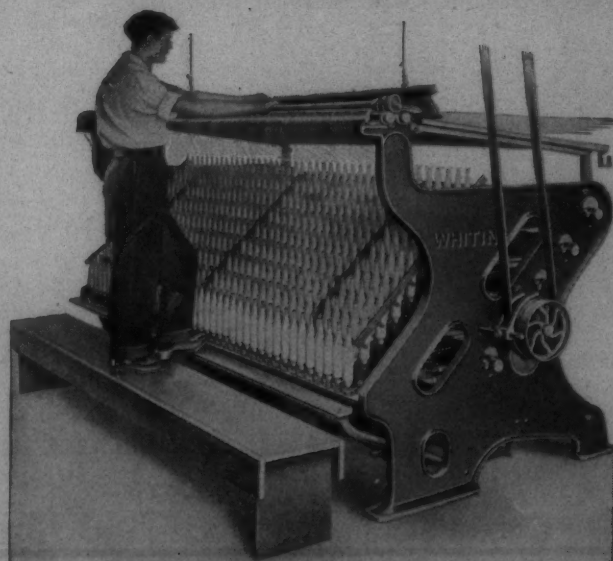
L. V. B. Tension Co.

New Bedford, Mass.

Southern Agent
A. B. CARTER, GASTONIA, N. C.

WHITIN MACHINE WORKS

ESTABLISHED 1831
TEXTILE MACHINERY



Manufacturers of

**Long-Chain Quilling
Machines**

FOR

**Colored, Bleached and
Mercerized Yarns**

The use of this machine insures:

First Quality in Product
Increased Profits
Reduced Labor costs
Savings in Power consumption.
Economy in Floor Space

Full Particulars on Request

MAIN OFFICE AND WORKS
WHITINSVILLE, MASS., U.S.A.
SOUTHERN OFFICE CHARLOTTE N.C.

Description of Exhibits

Monroe Calculating Machine Co.

The New Model K Monroe, which is made in three sizes, was on exhibition at space 413-414, at the Fifth Southern Textile Exposition.

The exhibit was in charge of District Manager H. D. Duff, who will be assisted by C. E. Dechant, of Charlotte; E. B. Ray, of Atlanta, Ga.; A. D. Dacus, of Charleston, S. C., and Miss Speck, of the division office.

These Monroe representatives are thoroughly familiar with the application of the Monroe to Textile Accounting and welcomed the opportunity to give all the information desired relative to this remarkable figuring machine.

Westinghouse Electric and Manufacturing Co.

The Westinghouse Electric & Manufacturing Company showed the following: Auto Starter with push-button-remote control. New type spinning frame automatic starter—with push button control. New starters and control with special mountings for loom motors. Improved mill lighting fixtures, and reflectors.

Members of the organization present were J. R. Olmhausen, Mgr., Textile Section, East Pittsburgh; C. T. Guilford, General Textile Engineer, East Pittsburgh; F. D. Hallock, Textile Engineer, Boston, Mass.; John Gelzer, Jr., Mgr. Industrial Division, Atlanta; M. A. Land, Textile Specialist, Atlanta; C. L. Speake, Textile Specialist, Charlotte; W. L. Shuping, Textile Specialist, Charlotte; F. S. Adkin, Safety Switch Specialist, of Atlanta; H. A. Warner, Lighting Specialist, of Atlanta.

American Tool Works Co.

The American Tool Work Company showed three machines—a 20" Lathe, a 16" Shaper and a 3' Radial Drill.

The lathe was used to demonstrate a new principle which is believed to be applicable to cotton mill shop practice. This company has observed that it is customary for cotton mills to manufacture gear blanks in small quantities and stock same, so that immediate replacements and changes of gearing can be made without it being necessary to machine up these parts, when the necessity for them becomes obvious. In order to cheapen this practice they called to the visitors' attention this lathe equipped, firstly, as a regular general purpose engine lathe, suited to doing repair jobs about plants. In addition to this, however, they are furnishing a turret tool post and turrets on shears, by means of which attachments the

engine lathe can be converted into a light duty turret machine and thereby adapted to the production of these stock gears in quantity, and economically. The machine can be rigged up for this work perhaps once a year and then converted into an engine lathe and used for the routine work about the plant the rest of the time.

The 3' Radial Drill showed how it is possible to increase ones drilling capacity to a very large extent.

The last machine they showed was one of their 16" Shapers, with the Universal table. This latter feature permits the clamping of work to the table and then tilting it to an odd position, so that angles can be shaped accurately and conveniently.

The exhibit was in charge of L. W. Scott Alter and he had associated with him F. L. Stube, who demonstrated under cut, all of the machines taken there.

The exhibit occupied spaces 551, 552 and 553 on the second floor of the Textile Hall.

Helburn Thompson Co.

Helburn Thompson Company, Salem, Mass., occupied Booths No. 545 and 546, and showed a general line of Sheep Roller leather. The exhibit was in charge of C. R. Lee, factory manager, Salem, Mass., and M. C. Sanders, Southern sales agent, Greenville, S. C.

J. S. Hulme.

J. S. Hulme, of Atlanta, had four spaces, 204 to 207, inclusive, in which the Rex Engineering Corporation, of Dunkirk, N. Y., showed a Rex Waste Press and Lord and Burnham Company, of Irvington, N. Y., and Atlanta, Ga., showed a model of a greenhouse for use in connection with the community work of the mills and also for storing the plants of the employees during the winter months.

The Fafnir Bearing Co.

The Fafnir Bearing Company, New Britain, Conn., exhibited in booths 417, 418 and 419 a very complete line of their ball bearing transmission equipment.

A one half horse power motor drove three lines of shafting which and double ball bearing pillow in turn drove a Fafnir 10" tool grinder, and a Picker Beater Idler and loose pulleys ball bearing equipment was also shown in operation.

All shafts were run on Fafnir Bearings in standard types of housings including hanger boxes, single and double ball bearing pillow blocks. Special attention is called to the fact that all hanger boxes were installed in several different types of standard hangers as Fafnir boxes interchange size for size with ring oiling and plain sleeve boxes in standard types of frames.

Cut open sections of the principal applications were on exhibition.

The Fafnir Company makes a most complete line of regular ball bearings, all types, and samples of these also were on display.

Messrs. Pool, Pierce, Reynolds and Hemenway were in attendance.

The Fafnir Company had on hand for distribution copies of their new Industrial Ball Bearings catalogue, also leaflets of various applications.

THE TRIPOD PAINT COMPANY

—MANUFACTURERS—

ATLANTA GEORGIA

MILL WHITES, PAINTS, STAINS, Etc.

Write for Prices and Free Samples

Gum Tragasol Agglutinates

the fibres of the yarn—cotton, woolen or worsted which—ever it may be—and prevents waste of good materials by eliminating flyings.

Gum Tragasol is Cheaper

than either wool or cotton, therefore, its use is a distinct economy.

JOHN P. MARSTON COMPANY

247 Atlantic Avenue, Boston

COTTON STORAGE

COTTON FACTORS

Bonded in the United States Fidelity and Guaranty Company

RUCKER BONDED WAREHOUSE CORP.

GREENSBORO, NORTH CAROLINA

Store Your Cotton in a Modern Warehouse in the Heart of AN ACTIVE COTTON MARKET

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125 Brevard Court

CHARLOTTE, N. C.

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Cotton Exchange of New York

Correspondent For
Winfield Bros., New York



The humid atmosphere in textile mills causes employees to consume large quantities of water. These employees require cool water supplied in a sanitary manner—the "old tin cup" won't do.

A PURO Cooler with its Sanitary Fountain is the logical dispenser of Pure Cool Drinking water.

We are holding a copy of catalog for you—may we send it?

Made only by the

PURO SANITARY DRINKING
FOUNTAIN CO.,

Haydenville, Mass.

COMPLETE DYEHOUSE EQUIPMENT

Special Machinery for
Textile Mills
The Klauder-Weldon Dyeing
Machine Co.
Bethayres, Pa.

WELL DRILLING AND DEEP WELL PUMPS

We do the engineering, and have had 22 years experience solving water problems satisfactorily for textile mills.

Sydner Pump & Well Co., Inc.
Richmond, Va.

SOUTHERN TEXTILE BULLETIN

Member of Audit Bureau of Circulations.

Published Every Thursday by
CLARK PUBLISHING COMPANY
Offices: 39-41 S. Church St., Charlotte, N. C.

DAVID CLARK.....Managing Editor
D. H. HILL, JR......Associate Editor

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One year, payable in advance.....\$2.00
Other Countries in Postal Union.....4.00
Single Copies......10

Contributions on subjects pertaining to cotton, its manufacture and distribution, are requested. Contributed articles do not necessarily reflect the opinion of the publishers. Items pertaining to new mills, extensions, etc., are solicited.

ADVERTISING

Advertising rates furnished upon application.
Address all communications and make all drafts, checks and money orders payable to Clark Publishing Company, Charlotte, N. C.

THURSDAY, OCTOBER 19, 1922.

Why the Textile South Grows.

Elsewhere on this page will be found statistics relative to the growth of Southern cotton mills and comparing their growth in the past few years with the growth of the mills in the North which includes not only New England but all states outside the South. As our machinery and supply friends from New England have come to the Southern Textile Exposition not only to exhibit their wares but to study the possibility of this field we feel that it would be appropriate to give them a few of the pertinent facts.

The advantage of the "cotton mill in the cotton field" is very largely a myth. Some of the mills using short staple cotton do have an advantage in buying a portion of their cotton locally, but New England mills by reason of the low water rates from Galveston, New Orleans and Charleston, get their cotton upon the average at as low prices as Southern mills.

The greatest asset of the Southern cotton mills is the character of their employes all of whom are pure blooded Anglo-Saxons, speaking the English language and with none of the bolshevik traits of the foreign born operatives of New England.

The climate of the South requires less fuel for the heating of the homes, and less expensive clothing and the soil permitting the operatives to raise their own vegetables, the cost of living is much less than that of the New England operatives.

The Southern operatives live in the mill village at a rent of 25 cents per room per week, often including lights and water, while the New England operatives usually live in houses rented from individuals and pay several times that amount in addition to the expenses of lights and water and often street car fare to and from the mills.

Is it any wonder that the Southern operatives can live better on less wages and are content to live in the mill communities whereas the New England operatives are continually

leaving the mills for other kinds of work?

Fall River, even today, is manufacturing print cloths on plain looms and trying to compete with the automatic looms of the South and always the Southern mills have been quicker to adopt improvements and labor saving devices.

The cotton manufacturing industry of New England is not going out of business but will specialize more and more while the South expands in cotton manufacturing along ordinary lines and also advances in the manufacture of fine goods.

The great market for cotton mill machinery and supplies will be in the South.

Origin of the Southern Textile Exposition.

At a meeting of the Board of Governors of the Southern Textile Association held about twelve years ago in the office of Alonzo Iler at Greenville, S. C., David Clark, editor of the Southern Textile Bulletin, moved that a committee be appointed to see what could be done about holding a textile machinery exposition in the South similar to those that had been held in Mechanics' Hall, in Boston.

The Board of Directors were enthusiastic about the proposition and a committee with W. M. Sherard as chairman was appointed to get behind the movement.

Next day the Greenville papers called attention to the movement started by David Clark and the Greenville business men with their usual enterprise realized the value of the proposed exposition.

The first Southern Textile Exposition was held on the second floor of the Piedmont and Northern Railway station almost directly across the street from the present station.

The first exposition was so much more of a success than had been anticipated that a movement was started to raise stock for an adequate and permanent Southern Textile Exposition building.

Unfortunately the sudden advance

SOUTHERN SPINDLES	
1880.....	560,000
1890.....	1,819,000
1900.....	6,276,000
1910.....	11,583,000
1922.....	16,200,000

COMPARATIVE GROWTH

	North	South
1919.....	19,600,000	14,814,000
1920.....	19,900,000	15,239,000
1921.....	20,000,000	15,902,000
1922.....	20,000,000	16,200,000

in building prices caused by the war made the building cost far more than was originally anticipated but in spite of that handicap it was completed and has been a big asset not only to Greenville but to the entire South.

A Mill Poet.

Marion Grier who runs four automatic tire fabric looms at the Marlboro Mills, McColl, S. C., was feeling bad one day and probably wishing she was back in the spinning room where she could sit on the waste box and talk to the other girls, wrote the following poem on the back of an inspection ticket:

When I am dead
And in my grave,
No more loomes
Will I crave.

But on my toom stone
I want it wrote:
Four automatics
Got my goat.

This poem was discovered by the fabric inspector at the Goodyear Tire and Rubber Company, at Akron, Ohio, and published in their house paper entitled, "Wingfoot Clan."

It is not reported the Goodyear Inspector was able to send a return poem.

Southern Textile Bulletin Representatives.

Booths 498 and 499.
(Second floor, against right hand wall.)

David Clark,
Editor and Owner.
Jack W. Cochran,
Business Manager.

C. E. Hobbs,
Advertising Solicitor.
J. L. Phillips,
Traveling Representative.

Report from England.

An Oldham weaver, working 8 3/4 hours per day earns now, around \$14.50 per week. The mechanics and cotton mill operatives of Lancashire are cheerful but the dreams of fancy wages are gone. The operatives know that they have returned to the competitive conditions of 1900-1914. Many owners of cotton mill shares are awaiting a rise in which to sell out. The workers of the north are in a singular position. The unemployment dole has removed much of the devilish fear of want that wells

up in the working class soul during hard times.

The worker discusses the future of the Lancashire cotton trade with freedom. He relies on his remarkably moist climate but is impressed by the cheap labor of India, China and Japan—energy at a minimum cost that may effect Lancashire seriously two decades hence. Such vast changes, however, move slowly.—Daily News Record.

Program of Meeting of Southern Textile Association to be Held in Greenville, S. C., Friday and Saturday, October 20-21.

(All Sessions Will be Held at Opera House.)

First Session—October 20, 2:30 P. M.

Address of Welcome by Mayor of Greenville, S. C.

Response to Address of Welcome by J. S. Stroud, Cooleemee, N. C.

Few Remarks by President John W. Clark, West Durham, N. C.

Report of Weavers Meeting Held in Anderson, by W. H. Gibson, Jr., Union, S. C., Chairman Weavers Section Southern Textile Association. This to be followed by short discussion.

Presentation of Inventions and Improvements. (An hour will be allowed for the presentation and description of recent improvements and inventions by Southern men.)

Textile Association Dinner—6:30 P. M., October 20th. Episcopal Church Parish House.

An address by D. W. Daniels. Committee on arrangements and entertainment: Luther M. McBee, Jr., Greenville, Chairman; David Clark, Charlotte, and Robert W. Philip, Atlanta.

Saturday morning, October 21—10 A. M., "Better Goods Session."

The following addresses are limited—address ten minutes will be allowed for discussion.

"The Relation of the Opening Room and Lappers to Better Goods," by L. L. Brown, Clifton, S. C.

"The Relation of the Carding Room to Better Goods," by O. D. Grimes, Milledgeville, Ga.

"The Relation of the Spinning Room to Better Goods," by J. B. Harris, Greenwood, S. C.

The Relation of Slashing and Weaving to Better Goods," by W. B. Williams, Greenwood, S. C.

"The relation of the Cloth Room to Better Goods," by H. W. Moseley, Greenville, S. C.

Personal News

J. M. Wilborn and E. T. Wilborn paid us a visit last week.

Walter Clemm has become second hand at the Woodruff Mills, Woodruff, S. C.

W. T. Bush has resigned as second hand in weaving No. 1 at the Eva Jane Mills, Sylacauga, Ala.

E. L. McSwain has been promoted to overseer of weaving at the Cannon Mills, York, S. C.

Samuel Atkins has become overseer day spinning at the LaFayette Cotton Mills, LaFayette, Ala.

T. H. Kendall has resigned as auditor of the Maginnis Cotton Mills, New Orleans, La.

George Lay is now night overseer spinning at the LaFayette Cotton Mills, LaFayette, Ala.

Charles H. Voss, formerly general manager of the Buck Creek Mills, Siluria, Ala., has moved to Atlanta.

F. C. Bertrand who recently resigned as carder at the Natchez (Miss) Cotton Mills paid us a visit last week.

Ben G. Scott has been promoted from second hand to master mechanic at the Hartwell Mills, Hartwell, Ga.

H. M. Bannister has been promoted from loom fixer to second hand in the machine shop at the Hartwell Mills, Hartwell, Ga.

A. L. James has resigned as assistant superintendent at the Enterprise Mills, Enterprise, Ala., and entered business in that town.

J. C. Tapley has been promoted from loom fixer to second hand in No. 1 weaving at the Eva Jane Mills, Sylacauga, Ala.

S. P. Warren has been promoted from loom fixer to second hand in weaving at the Cannon Mill, York, S. C.

Claude E. Bailey has been appointed overseer carding and spinning at the Enterprise Cotton Mills, Enterprise, Ala.

Pickett Collum has become overseer spinning at the Pelham Division of the Consolidated Textile Corp., Pelham, Ga.

Mr. Hand has been appointed overseer carding at the Pelham Division of the Consolidated Textile Corporation, Pelham, Ga.

J. H. Horner has been appointed salesman for the Argo Paint Co., and is traveling in his former territory in Georgia.

T. W. Anderson has resigned as overseer weaving at the Cannon Mills, York, S. C., after having held that position for nine years and accepted a similar position at the Cabarrus Mills, Kannapolis, N. C.

James E. Fields has resigned as overseer carding at the Exposition Mills, Atlanta, Ga.

Edward Chandler has been promoted to overseer carding at the Exposition Mills, Atlanta, Ga.

R. J. Doss has been promoted from second hand to overseer spinning at the Elk Mills, Dalton, Ga.

E. O. Jennings has resigned his position as yarn buyer in the Charlotte office of Paulson, Linkroum & Co.

C. B. Buchanan has resigned as superintendent of the Magnolia Mills, Magnolia, Miss., to accept a similar position with the Stonewall Cotton Mills, Stonewall, Miss.

A. B. Brown, who has been with the Ozark Mills, Gastonia, N. C., has returned to his former position as general second hand in carding at the Mason Mills, Kings Mountain, N. C.

Ernest Fallows has resigned as general superintendent of the Winnsboro Mills, Winnsboro, S. C., and returned to his home in Boston, Mass.

James Smith has resigned as service manager at the Winnsboro Mills, Winnsboro, S. C., to accept a position with the Fairfield Motor Company, of the same place.

C. T. McElroy has about recovered from a serious illness lasting for more than a year. Mr. McElroy was formerly overseer carding and spinning at the Piedmont Mills, Egan, Ga., having to resign that position on account of his illness.

Geo. Bahan Will Represent J. H. Williams Co.

Geo. F. Bahan, Southern representative of the Emmons Loom Harness Company has also made arrangements to handle the shuttles of the J. H. Williams Company, of Millbury, Mass.

The many friends of Mr. Bahan will be glad to know that he expects to spend a much larger portion of his time in the South than has been the case during the past two years.

Herbert E. Gosling With Hemphill Company.

Herbert E. Gosling has been appointed manager of the Southern office of the Hemphill Company, well known manufacturers of the Banner Knitting Machines, and has taken charge of the Chattanooga office.

Mr. Gosling has been with the Hemphill Company practically from the time the "Banner" machine was placed on the market and is thoroughly acquainted with the manufacture of hosiery and all its branches.

ATLANTIC PATENT BLACK

THE UNEQUALLED SULPHUR BLACK

that

"STAYS BLACK"

SOLUBLE FAST BLOOMING BRILLIANT

An intense fast black, possessing the greatest solubility, superior and lasting bloom and brilliancy and thorough penetration.

ECONOMY

The low percentage required to produce a deep black substantiates the claim for economy of use.

UNIFORMITY

Uniformity of Atlantic Products is best exemplified by repeat orders which specify

"SAME AS LAST SHIPPED"

ATLANTIC DYE STUFF COMPANY

Parlsonmouth N.H.

New York Charlotte Chicago Philadelphia Providence

Automatic

equipment has been the
salvation of Southern Cotton
manufacturers



\$12.50

The Liberty Knotter

is the nearest possible approach to an automatic device, simple in construction, economical in first cost and in upkeep and operation. The surest way to know is to try it.

GUARANTEED FOR ONE YEAR

Write for Information

Mill Devices Co.

Durham, N. C.

A. B. CARTER, Sales Agent, Gastonia, N. C.

MILL NEWS ITEMS OF INTEREST

Jewell, Ga.—The Jewell Cotton Mills have purchased a Delahunty Beam Dyeing machine through Fred H. White, of Charlotte.

Prattville, Ala.—Autauga Cotton Mills will engage in the manufacture of colored goods and have purchased a Delahunty Beam Dyeing machine.

Stanley, N. C.—The Lola Mfg. Co., which is erecting a weave shed for the manufacture of dress gingham, has purchased a Delahunty Beam Dyeing machine through Fred H. White, of Charlotte.

Montgomery, Ala.—The Litewear Manufacturing Company has been incorporated by A. O. Brett, Bernard W. Scheer and F. K. Mann.

Greensboro, N. C.—The Benjamin B. Phillips Manufacturing Company, recently incorporated, has as its president E. P. Wharton, and B. B. Phillips, secretary. The plant will manufacture percale house dresses and men's handkerchiefs.

Greenwood, S. C.—The hearing at Laurens of the reference in the case of certain stockholders of Watts Mill, vs. the Watts Mill Company, involving about \$500,000 for alleged failure of the company to redeem and pay preferred stock outstanding April 24, 1921, has been postponed indefinitely on account of the illness of H. C. Tilman, an attorney for the plaintiffs.

Industrious Cleanser

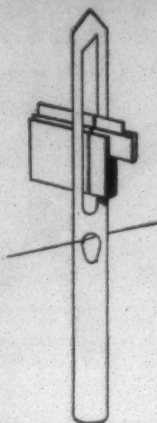


Cleans Mill
Floor

Effective
Efficient
Economical

Makes
Jelly Soap

Poland Soap Works
Anniston, Ala.



The K-A Electrical Warp Stop Motion

is used by leading mills on all kinds of looms: plain and automatic, both here and abroad, for cotton, woolen, worsted and silk fabrics. Mills that have used it for years are extending their K-A Equipment.

R. I. WARP STOP EQUIPMENT CO.

414 Realty Bldg.

P. O. Box 1026

Charlotte, N. C.

MOTORS—on Hand

- 1—125 H. P. General Electric, 2200 volt, 600 r. p. m.
- 1—100 H. P. Westinghouse, 550 volt, 690 r. p. m.
- 1—75 H. P. General Electric, 2200 volt, 900 r. p. m.
- 1—50 H. P. General Electric, 2200 volt, 875 r. p. m.
- 1—15 H. P. General Electric, 550 volt, 1200 r. p. m.

Used, good condition.

Also Robbins & Myers new Motors, from 50 H. P. to 1-10 H. P., 220 and 550 volts.

SOUTHERN TEXTILE MACHINERY COMPANY

Greenville, S. C.

Member American Society Landscape Architects

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NORTH CAROLINA

LANDSCAPE ARCHITECT and CITY PLANNER

Community and Mill Village
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Complete Topographic Surveys
General Designs, Planting, Grading
and Detail Plans
Supervision of Landscape
Construction
Inspection and Maintenance

Largest Landscape Organization in the South



CLEAN QUALITY

SUPERIOR SERVICE

If a drive is worth belting, it is worth belting well. Why be satisfied with a mediocre belt? Cheap belting is false economy—the safest investment in the world has always been REPUTATION.

Charlotte Leather Belting Co.
Charlotte, N. C.

Granite Falls, N. C.—The Southern Manufacturing Company is the name of the 10th cotton and cord factory to be erected in Granite Falls, according to a statement given out by D. H. Warlick, secretary and treasurer of the Falls Manufacturing company, and one of the leading figures back of the new project. The new factory will be under the same management as the Falls Manufacturing Company, which has experienced such a remarkable growth. It will be located on the vacant lot adjacent to the Granite Falls Milling Company and will run back and take in the present lumber company. This lot lies on the railroad, thus providing ample siding accommodations.

Huntsville, Ala.—Gadsden, Ala., is the largest distribution point for electric energy in the United States, it is believed, and some of the "juice" is being sent as far as 600 miles. Several thousand miles of high voltage transmission lines are being used to keep the cotton mills and other plants going in Alabama, Tennessee, Georgia, North Carolina and South Carolina. The steam and water plants of Alabama are delivering 30,000 horsepower daily into the Carolinas as far East as Raleigh, and as far North as Greensboro and Henderson. The steam plant at Sheffield, built to take care of Muscle Shoals, is now in operation and is delivering power through Huntsville and Gadsden to many points in the southeastern part of the country. Water courses in five States are so low now that they cannot furnish adequate current and they are being reinforced by the great steam plants at Sheffield and Gorgas.

Macon, Ga.—Stockholders of the Bibb Manufacturing Company have re-elected the old officers and declared the usual dividends. Reports from officers presented at the annual meeting showed that the board had a satisfactory year in spite of business depression over the United States. The company owns several cotton mills in Macon, Columbus, Porterdale and other middle Georgia towns.

E. T. Comer was reelected chairman of the board; W. D. Anderson, president; J. H. Porter, first vice-president; John D. Comer, second vice president; Charles H. Williamson, secretary and treasurer, and A. A. Drake, assistant treasurer.

The directors are Judge Samuel B. Adams, of Savannah; W. D. Anderson, of Macon; W. C. Bradley, of Columbus; Mills B. Lane, of Savannah; B. P. O'Neal, of Macon; R. J. Taylor, of Macon; H. Weber, of Savannah; John D. Comer and John H. Porter, of Macon; R. C. Jordan, of Columbus; E. T. Comer, of Millhaven, and F. Muir, of Haslemere, England.

Greenville, S. C.—A sheriff's sale of the Beaver Duck Mill, one of the chain of Couch Mills which went into the hands of a receiver more than

TALLOW—OILS—GUMS—COMPOUNDS**TEXTOL, A new product especially for Print Cloths. A complete warp size, requires no addition of tallow**

Tallow, Soluble Grease, Soluble Oils, Gums, Glues, Gum Arabol, Lancashire Size, Waxes, Finishing Pastes, Soaps, Glycerine, Ready-made eavy Size, Sago and Tapioca Flours, Dextrines, China Clay, Soluble Blue Bone Grease, Bleachers' Blue.

SPECIAL COMPOUNDS FOR WARPS, WHERE STOP MOTIONS ARE USED.

WEIGHTING COMPOUNDS FOR COLORED AND WHITE WARPS. FINISHING COMPOUNDS FOR ALL CLASSES OF FABRICS.

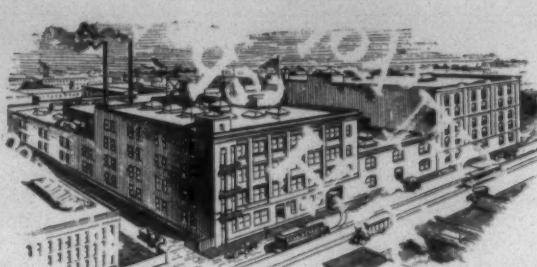
The Arabol best grades of cotton warp sizing compounds make the "finest weaving and will hold the fly."

These compounds are based on the best practical experience and the best materials used in their manufacture.

The Arabol Manufacturing Co.

Offices: 100 William Street, New York.

Southern Agent: Cameron MacRae, Concord, N. C.



Factories: Brooklyn, N. Y.

P. D. JOHNSON Co., Ala. and Tenn. Agent, Atlanta Ga.

R. F. GIBSON, South Carolina Agent, Greenville, S. C.

a year ago, will not be held, it was learned.

Local interests acting for the receiver, John K. Otley, president of the Fourth National Bank of Atlanta, notified the sheriff that the 1921 taxes, amounting to approximately \$10,000, would be paid this week, and the sheriff has agreed to hold up the sale of the property for the week.

The taxes are State and county property taxes for 1921, and unless action is taken the mill will be sold at public auction in the near future to satisfy the claim. The property is within two miles of the city limits and was purchased by the Couch interests about two and a half years ago when that concern was in the height of its prosperity. The mill has not been in operation for some time. It is valued at more than \$750,000, including machinery, plant and operatives' homes.

Greenville, S. C.—A contract for the erection of an extension to the weave room and picker building at Judson Mill was let to the Gallivan Building Company, the consideration for the erection of the actual building of the extension being estimated at around \$150,000. With the letting of this contract work will begin on the enlargement of the mill, which, when complete, will represent about \$700,000 and will virtually double the producing capacity.

It was officially announced that work on the extensions would begin at once and that the work would be pushed with the greatest rapidity possible.

The addition of the weave room extension is the greatest of the two projects. This part of the building will be one story high with a large basement. The floor measurements are 103 by 320 feet and the room will contain 600 new looms.

The roof of this shed will bring out a constructing feature that is

unusual in the south. This is a "saw tooth" steel roof. Along the top of the shed there will be 12 of these "teeth" and in each "tooth" there will be a large skylight running the entire width of the building and 10 feet deep. This will supply ample light for the workers and at the same time make the ventilation excellent.

This addition will give 200 more operatives employment. The Minter Homes company is to build 100 new mill houses and the work on these is already well under way. The contract with the Homes company entails a cost of about \$125,000. This, at the time, was the largest housing contract let in Greenville in many months.

Chaffee's Sparkling Mill White.**M. C. Thompson.**

Thomas K. Chaffee, of Providence, R. I., after years of experience in the paint business established the Thomas K. Chaffee Company for the purpose of manufacturing the paint according to his own ideas and developed Chaffee's Sparkling Mill White.

This is a paint of an intense body with such easy working properties under the brush that they claim that the decreased cost of application practically balances the difference in cost between this paint and inferior preparations. They say that once applied the advantage is readily apparent because it gives a smooth impenetrable coat of pure white that will not chip, scale or flake off under heavy vibration, and it throws off the dust like enamel, washes equally well and is said never to turn yellow with age as do some paints.

Its properties can be compared to lead or oil while its elastic qualities are such as to prevent cracking even on ceilings that spring or sag.

Chaffee's Sparkling Mill White intensifies and prolongs the daylight, makes sanitary working rooms, and does much to insure accuracy of workmanship. Its surface can be easily cleaned thereby, saving the great cost of repainting. It gives a permanent finish at a very low ultimate cost. Before the sun, after the sun, all day long, Chaffee's Mill White paint makes formerly dingy walls glisten and sparkle and the ceiling give out the soft rays of daylight. Chaffee's Sparkling Mill White produces a flint like surface in a white that reflects and diffuses all of the light, prevents accidents and aids the workmen in stretching out the natural working days.

While Chaffee's paint has been very favorably known by a number of Southern mills for several years it has not been pushed in this territory to any great extent until it was taken over about two years ago by M. C. Thompson who is selling agent and distributor of supplies and specialties, and carries a stock in Charlotte.

M. C. Thompson, who is generally known throughout the trade as Mac Thompson, and is one of the pioneer salesmen of paint in the South, took over the selling of Chaffee's Sparkling Mill White and has put this paint in a great many southern mills among which are the following:

Erlanger Cotton Mills, Lexington, N. C.; Amazon Cotton Mills, Thomasville, N. C.; Fountain Cotton Mills, Tarboro, N. C.; Southern Mercerizing Co., Tryon, N. C.; Scotland Cotton Mills, Laurinburg, N. C.; Dickson Cotton Mills, Laurinburg, N. C.; Savona Mfg. Co., Charlotte, N. C.; Riverside Mills, Inc., Worthville, N. C.; Carolina Buggy Mfg. Co., Henderson, N. C.; Aspen Cotton Mills, Fayetteville, N. C.; Lillian Knitting Mills, Albemarle, N. C.; Tuckasee Mfg. Co., Mt. Holly, N. C.; Canon Mfg. Co., Kannapolis, N. C.; Salisbury Cotton Mills, Salisbury, N. C.; and fancy.

Efford Mfg. Co., Albemarle, N. C.; Highland Park Mfg. Co., Rock Hill, S. C.; Hamilton-Carhartt Cotton Mills, Rock Hill, S. C.; Adrian Mfg. Co., Hutchison, N. C.; Young-Hart-sell Mills, Concord, N. C.; Fort Mill Mfg. Co., Fort Mill, S. C.; Parkdale Cotton Mills, Gastonia, N. C.; Mt. Holly Cotton Mill Co., Mt. Holly, N. C.; Ranlo Mfg. Co., Ranlo, N. C.; Charlotte Knitting Company, Charlotte, N. C.; Slane Hosiery Mill, High Point, N. C.; Boger & Crawford Spinning Mills, Lincolnton, N. C.; Erwin Cotton Mills, Durham, N. C.; and Grace Mills, Rutherfordton, N. C.

Exhibit of Steel Heddle Mfg. Co.

The Steel Heddle Mfg. Co., featured at the Southern Textile Exposition a loom running with their patented doups making a piece of marquise curtain goods on a dobby loom without any jumper or slackener device whatever. This is a radical departure from the old accepted methods of making leno fabrics. Lenos of various constructions where involving only the half-turn leno can be made in this way, and all these lenos practically at as low cost as any other fabric made on any dobby loom.

In the exhibit was a set of their "Duplex" flat steel harness on a loom making 80x80 print cloth after this set of harness had already been in operation constantly on the loom for an equivalent of over twelve years. The entire weave room from which this set was taken is still running with the original equipment of this "Duplex" harness, which have given nearly as many years service as twine harness gives in months.

In addition to the above the company exhibited sets of harness from various mills which have been run anywhere from six to fifteen years on all classes of fabrics, both plain and fancy.

THE CHOICE OF A HUMIDIFYING SYSTEM

must be one that for simplicity with great capacity and economy in maintenance produces uniformly such conditions that may be determined for the different requirements of the work. In the American Moistening Company's method of humidifying, all such requirements are GUARANTEED.

Our COMINS SECTIONAL HUMIDIFIERS

Our FAN TYPE and HIGH DUTY HUMIDIFIERS

Our VENTILATING Type of Humidifier (Taking fresh air into the room from outside)

Our ATOMIZERS or COMPRESSED AIR SYSTEM

Our COMPRESSED AIR CLEANING SYSTEM

Our CONDITIONING ROOM EQUIPMENT

Our AUTOMATIC HUMIDITY CONTROL (Can be applied to systems already installed)

Our AUTOMATIC TEMPERATURE CONTROL

Are all STANDARDS of MODERN TEXTILE MILL EQUIPMENTS.

AMERICAN MOISTENING COMPANY

RUSSELL GRINNELL, President

BOSTON, MASS.

FRANK B. COMINS, General Manager

SOUTHERN OFFICE, Atlanta Trust Company Building, ATLANTA, GEORGIA

Description of Exhibits

Stein, Hall & Co., Inc.

Stein, Hall & Company, Inc., showed a complete line of Starch and Starch products suitable for each and every requirement of the Textile Industry.

This exhibit was in charge of their Southern Representative, Ira I. Griffin, of Charlotte, N. C., and Walton L. Black, of Greenville, S. C. They were assisted by one of the textile experts. Mr. Edwin Stein, assistant treasurer of their New York office attended the show.

National Lamp Works.

The exhibit of the National Lamp Works was primarily educational. They believe that a great many people are satisfied with inferior lighting only because they have always associated artificial lighting with certain shortcomings, and have not yet come to appreciate fully that the difference between poor or mediocre illumination and correct illumination is the proper application of certain principles. These principles can best be clarified by actual demonstration. The photographs exhibited showed several exhibit pieces which they used to illustrate certain fundamentals of lighting. These showed in an interesting and practical manner: (1) Glare and its effect on vision; (2) A convincing demonstration of the relation between amount of light and speed of vision; (3) Color quality of illuminants; (4) Effect of Shadows on the "Dancing Statue." Other accessories were on hand to compare different types of lamps available and to demonstrate ruggedness of lamps for severe service.

The exhibit was in charge of James M. Ketch, illuminating Engineer, who has made a special study of textile mill lighting requirements and who has considerable time in the South as resident engineer working co-operatively on problems of this nature.

Oakley Chemical Co.

The Oakley Chemical Company exhibited numerous samples of cotton, wool and silk goods to illustrate the improved quality that results from the use of Oakite in the wet finishing processes. Samples were shown from many and different kinds of mills both in the South and in the North.

Special prominence was given to cotton yarns, knit goods and woven goods, (finished with the aid of Oakite) showing the high quality of texture and appearance which so many mills are finding of value in the final marketing of their product. Samples were shown to illustrate the use of Oakite for scouring of raw wool and woolen goods, and boiling out of silk. Interesting data on artificial silk was for those interested in this material.

Representatives were in attendance at all times to explain use of Oakite materials. Evidence was presented to substantiate the claim that:

1. Mills using Oakite produce better appearing and better feeling goods.
2. Oakite saves detergents and bleaching and finishing materials.
3. Oakite prevents stains and injury to goods, and through better

cleaning of yarns, fabrics, or cloths, before dyeing, gives a more uniform dyeing—all these things preventing seconds and rejects, and also saving time and material in the expensive work of reprocessing.

Facts about Oakite of interest to bleachers, dyers and other mill executives were presented in an illustrated booklet, *Wet Finishing Cotton and Wool with Oakite*. This booklet may be obtained by request from representatives at the Oakite booths 520 and 521, or by writing to Oakley Chemical Co., 22 Thames St., New York, N. Y.

Borne. Scrymser Co.

Breton Mineral products were exhibited at Booth No. 441 by Borne, Scrymser Company, of New York City. These products, which are used in the bleaching and finishing of cotton goods and other textiles have been successfully applied for several years and met with favorable consideration from the trade.

There were on exhibition product samples of Breton Mineral and goods in connection with the processing of which Breton Mineral products have been used.

The exhibition was in charge of Hughes L. Siever, the Southern representative of this concern, and E. H. Hinckley, Technical Executive of the New York office.

Standard Oil Company.

The Standard Oil Company had a booth which was adequately decorated, and a committee of their representatives on hand to take care of

and entertain their various friends, embodied in which was the opportunity of giving to them some souvenir.

Morse Chain Co.

The exhibit of the Morse Chain Company was found in space 468 and 469. They had on exhibit a full line of chain samples. There were in attendance representatives of this company qualified to give engineering advice on the transmission problems of the textile industries. The company had a five (5) horse power chain drive in operation mounted on the Morse Universal Bracket attached to standard spinning frame, also a one (1) horse power motor and silver chain drive on a knitting frame.

A prominent feature of the exhibit was a Balopectan (manufactured by Bausch & Lomb Optical Company, Rochester, N. Y.), which will automatically and continuously show on a section a series of views of Morse Chain Drives as used around the world in the textile industry interspersed with a number of views of their plant and scenery around Ithaca.

This exhibit was particularly interesting to textile engineers as it illustrated a practical method of increasing production and saving power with the upkeep.

Morse Drives have shown by years of use in this hard continuous work that they are designed and built for continuous operation under the trying conditions that beset the textile industry.

The Texas Company.

The Texas Company did not have an elaborate exhibit, but merely a small display of their Textile Products, together with a few working models showing some of their lubricants in use. The main purpose was to afford the representatives an opportunity to be present and meet their friends and customers in the Textile Industry. They occupied spaces numbers 285, 286 and 287, and the following named representatives of their company were in attendance:

J. S. Jones, Superintendent Atlanta District, Atlanta, Ga.; William Thompson, Superintendent Norfolk District, Norfolk, Va.; Wm. Reynolds, Lubricating Assistant Atlanta District, Atlanta, Ga.; W. A. Ludwick, Assistant Superintendent Norfolk District, Norfolk, Va.; W. S. Walters, Engineer-Salesman, Charlotte, N. C.; J. W. Littlefield, Engineer-Salesman, Greenville, S. C.; G. H. Seawell, General Salesman, Atlanta, Ga., and T. Q. Jones, General Salesman, Greenville, S. C.

National Aniline & Chemical Co.

The exhibit of the National Aniline & Chemical Company, Inc., occupied spaces 236 and 748, located on the balcony and overlooking the second floor. This exhibit was comprehensive and was somewhat of a departure from the usual exhibits set up by the National.

There was exhibited a variety of textiles showing all hues and colors (and upon various fabrics, including silk, artificial silk; cotton, wool, etc. Supplementing the textile and dye exhibit, there was also representative collections of the products from the Certified Food Colors Division and the Pharmaceutical Division. At the request of many of those who visited the company's exhibit two years ago, the company again exhibited the large, illuminated chart, showing all the important products derived from coal. Great care was taken to have this chart complete in every particular.

The exhibit was in charge of Dr. L. J. Matos of the New York office, assisted by Mr. H. Willard, the company's representative, in Charlotte, N. C., together with Messrs Schuford, Pemberton, Schroeder and Blakely.

Rhode Island War Stop Equipment Co.

The exhibit of the Rhode Island Warp Stop Equipment Company embodied a complete and comprehensive demonstration of the K-A Electrical Warp Stop Motion for looms. Different combinations were shown for the purpose of illustrating K-A's flexibility. They had on exhibit a line of specialties consisting of the "B. & T." Spooler Tension, the Marvel Dust Blower, "Right-in-Sight" Copyholder, "Sim-Pul" and "Sim-Plex" Belt Shifters, Countershafts, etc. Stephen Arleigh, Southern Representative and W. D. Whitaker, construction engineer were in attendance. Edwin C. Smith, president, was also present.

BUDD PRODUCTS

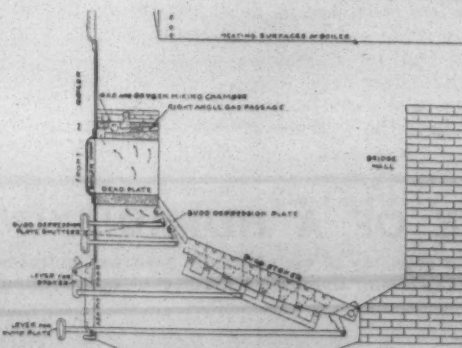
BOILER FRONTS

- Buckstays
T Covering Bars
Floor Plates
Doors
Door Liners

GRATES

- Budd Stationary
Grates
Herringbone Grates
Straight Gates
Universal Shaking
Grates

- Pin Hole Grates
Budd Dumping
Grates
Budd Stationary Cir-
cle Grates
Budd Circular Dump-
ing Grates
Old Style Circle
Grates
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BUDD GRATE COMPANY

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E. S. Player, Manager Greenville, S. C. office

Description of Exhibits

Graton & Knight.

The exhibit of Graton & Knight, Inc., was in charge of Wilkins Cagle, manager of the Atlanta branch of this company. He was assisted by J. D. Patterson, J. E. McMahon and A. A. Hutchison, salesmen of this company, who are well known in the South.

The exhibit was in conjunction

Percha Paint Company, as usual, was in charge of J. S. Palmer, their Senior Southern representative. On display they had samples of mill pine and brick finished with Barreled Sunlight. Photomicrographs of Flat, Egg Shell and Gloss finish were also shown mill owners interested in these three point surfaces. A full line of descriptive literature was also on hand.

New York and New Jersey Lubricant Co.

The New York and New Jersey Lubricant Co., 401 Broadway, New York, had on display grades of Non-Fluid Oil that have been developed especially for the textile industry, and that are designed for lubricating every machine employed in the carding, spinning, twisting and weaving of cotton. These lubricants possess the marked advantage of insuring freedom from oil stains on goods in process, thereby stopping a loom which costs Southern Mills many hundreds of thousands of dollars each year.

The exhibit was in charge of the company's well-known Southern District Manager, Lewis W. Thompson, and there were in attendance men who have specialized on the lubrication of textile machinery, so are amply qualified to give mill superintendents and engineers expert advice on this subject and recommend for each machine lubricants that will insure its working at the lowest operating expense.

At the Exposition, the New York and New Jersey Lubricant Company distributed, gratis, a text book on textile machinery lubrication, in which is illustrated every machine through which cotton passes from the bale to the packing room and which treats of the lubricating difficulties usually experienced and the remedies for them.

E. I. Du Pont De Nemours & Co.

An object lesson in the fastness of American dyes featured the exhibit of E. I. du Pont de Nemours & Company. The du Pont exhibit showed a variety of fabrics—about 25 different styles—including gingham, chambrays, prints, shirtings (both woven and printed), romper cloth and other materials made into duplicate garments. One set of these garments had been given repeated washings by a reliable laundry, and had attached the affidavit of the laundryman stating the number of times they have been washed. Visitors were then able to compare the garments which had been subjected to washings with those which have not been washed and observe how the colors maintain their fastness and brilliancy.

In addition a household washing machine was installed in the booth, and demonstrations were conducted during the show under competent direction. After the garments were ironed, as they would be in practical everyday use it was possible to see the actual treatment such materials get during the laundry process.

A portion of the booth was occupied by lay figures displaying some of the garments and another section served for further display and for a rest room.

The exhibit was in charge of John Dabbs, manager of the Charlotte office, assisted by Edward A. McKinnon of the Wilmington office.

Allis-Chalmers Manufacturing Co.

Allis-Chalmers Manufacturing Co. had spaces Nos. 435 and 436 in which they showed two or three motors of the textile type. They also had for distribution special literature, and also several photographs in textile work.

The following representatives of the company were on hand to greet friends and customers: Mr. Parker, Sales Engineer, Atlanta office; H. S.

Roberts, Textile Sales Engineer, Atlanta office; H. F. Janssen, Textile Sales Engineer, Philadelphia office; Wm. W. Moore, Sales Engineer, Charlotte office; Berrien Moore, District Manager, also attended.

The J. B. Ford Company.

The J. B. Ford Company, Wyandotte, Mich., exhibited a full line of silk, wool and cotton and artificial silk yarn, silk and cotton hosiery, blankets, bed spreads, velvet, gingham, worsted tops, rugs and towels showing results produced by the use of Wyandotte products.

The exhibit was in charge of F. S.



Leon Rogers, President,
Rogers Fibre Co.

Booths 577, 578, 579, and 580.

with that of the Carolina Supply Company, which showed kindred lines.

Graton & Knight had in operation, running under water, one of their famous Spartan belts and their display included rolls of belting, pickers and general information concerning strapping and slab leather.

U. S. Gutta Percha Paint Co.

The booth of the U. S. Gutta



J. L. Nieukirk, Sales Mgr.,
Rogers Fibre Co.,
Booths 577, 578, 579, and 580.

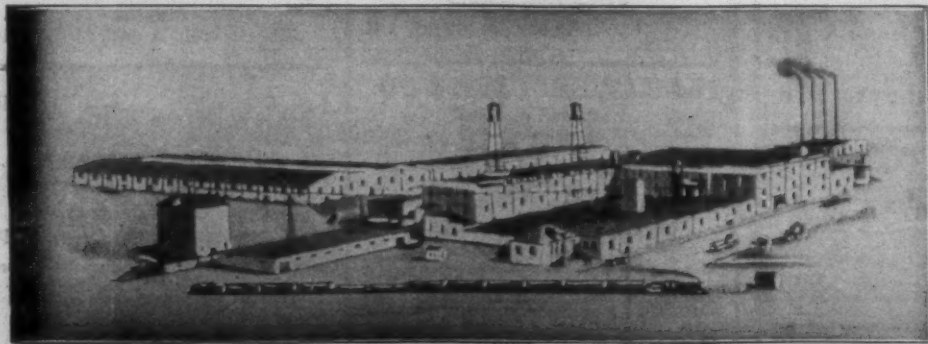
Klebart, Field Manager Textile Department, assisted by Cecil Hostetter, Manager Atlanta office and J. G. Schaeffer, of Charlotte, N. C.

American Scrubbing Equipment Co.

The exhibit of the American Scrubbing Equipment Company was at Booth 601. They were represented there by Mr. Poley, of Atlanta; and Reuben Finnell of Baltimore. Mr. Jas. W. Farris, Vice President and Director of Sales was there.

They had a full line of their equipment, not an extensive display but there were a number of new features presented in their machines.

VICTOR MILL STARCH – The Weaver's Friend



It boils thin, penetrates the warps and carries the weight into cloth. It means good running work, satisfied help and one hundred per cent production.

We are in a position now to offer prompt shipments.

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COLUMBUS, OHIO

Southern Representatives:

James H. Maxwell, Greenville, S. C.

Claud B. Iler, Greenville, S. C.

D. H. Wallace, Greenville, S. C.

Cotton Notes

The Week's Cotton Trade.

Cotton prices witnessed a steady tone during the week ending October 13 with an upward tendency, good advances being registered for both spots and futures. A strong spot situation in the South price fixing by mills, speculative buying and a lessened tension in the political conditions abroad were contributing causes for the advance. The average quoted price of middling in 40 of the largest Southern spot markets was 21.60c per pound on October 13, compared with 20.95c at the end of the previous week. October future contracts at New York advanced from 21.25c to 21.99 during the week. The volume of sales in the spot markets showed some decrease as compared with the previous week. However, considering the one day holiday sales were in good proportions, aggregating 190,541 bales as compared with 241,894 bales the previous week.

The Bureau of the Census reported the September consumption of cotton by American mills as 495,344 bales, compared with 484,647 bales for the corresponding month in 1921.

Exports of American cotton for the week ending October 13, totaled 97,009 bales, compared with 194,981 bales the previous week and 244,092 bales for the corresponding week last year.

Certificated stock at New York on

October 13 was 40,475 bales, and at New Orleans, 24,433 bales. Total stock all kinds at New York, 66,394 bales, and at New Orleans, 156,348 bales.

Cotton Crop Movement.

New Orleans.—Secretary Hester's weekly New Orleans Cotton Exchange statement, issued before the close of business Saturday, shows an increase in the movement into sight compared with the seven days ending this date last year in round figures of ,000, an increase over the same time year before last of 191,000 and an increase over the same time in 1919 of 128,000.

For the thirteen days of October the totals show an increase over last year of 41,000, an increase over year before last of 352,000, and an increase over the same time in 1919 of 261,000.

For the 74 days of the season that have elapsed, the aggregate is ahead of the 74 days of last year 181,000, ahead of the same time year before last 1,162,000, and ahead of the same time in 1919 by 1,242,000.

The amount brought into sight during the past week has been 505,296 against 496,614 for the seven days ending this date last year, 314,474 year before last and 377,312 same time in 1919; and for the thirteen days of October it has been 932,880 against 892,311 last year, 580,970 year



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B. T. Lowe

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A. H. JARECKY & COMPANY

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NORTH GEORGIA INCH TO INCH AND ONE-SIXTEENTH

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O'DOWD & LYETH

AUGUSTA, GEORGIA

North Georgia Cotton

Low Grades

Long Staples

Codes—Shepperson 78 and 81

before last and 671,905 same time in 1919.

The movement since August 1st shows receipts at all United States ports 1,467,716 against 1,598,559 last year 948,740 year before last and 815,362 same time in 1919; overland across the Mississippi, Ohio and Potomac rivers to Northern mills and Canada 128,296 against 318,403 last year, 112,652 year before last and 163,895 same time in 1919; interior stocks in excess of those held at the close of the commercial year 568,575 against 114,619 last year, 172,230 year before last and 137,069 same time in 1919; Southern mill takings, net, 709,000 against 660,860 last year, 378,079 year before last and 515,482 same time in 1919.

These make the total movement for 74 days, from August 1st to date, 2,873,587 against 2,692,441 last year, 1,711,701 year before last and 1,631,808 same time in 1919.

Foreign exports for the week have been 97,009 against 206,300 last year, making the total thus far for season 866,682 against 1,202,066 last year, a decrease of 335,384.

Northern mill takings and Canada during the past seven days show a decrease of 12,337 as compared with the corresponding period last year and the total takings since August 1st have decreased 158,242. The total takings of American mills, North and South and Canada, thus far for the season have been 1,054,669 against 1,171,160 last year. These in-

clude 280,497 by Northern spinners against 438,739.

Stocks at the seaboard and the 29 leading Southern interior centers have increased during the week 251,422 against an increase during the corresponding period last season of 83,193 and are now 905,165 smaller than at this date in 1921.

Cotton Consumed in September.

Washington.—Cotton consumed during September amounted to 495,344 bales of lint, and 59,833 bales of linters, compared with 494,718 of lint and 60,710 of linters in September last year, the Census Bureau announced.

Cotton on hand September 30 in consuming establishments amounted to 1,065,117 bales of lint and 97,205 of linters, compared with 295,198 of lint and 156,295 of linters a year ago and in public storage and at compresses 3,217,639 bales of lint and 21,262 of linters, compared with 1,118,045 of linters, compared with 1,118,045 of lint and 204,699 of linters of a year ago.

Imports during September totaled 4,628 bales, compared with 6,362 in September last year.

Exports totalled 368,890 bales, including 2,902 bales of linters compared with 532,839 bales including 9,057 of linters in September last year.

Spindles active during September numbered 33,296,513 compared with 33,874,620 in September last year.

Cotton on hand September 30 in consuming establishments, 513,743 bales, compared with 533,437 a year ago, and in public storage and at compresses 3,000,169 bales, compared with 3,974,171 a year ago.

Cotton consumed during September

ber 327,263 bales compared with 295,198 in September last year.

Cotton spindles active during September numbered 15,724,568 compared with 15,283,366 in September last year.

It is conservatively estimated that the Antung, China, fall tussah cocoon crop will be about 88 per cent of the normal crop and 50 per cent larger than the crop of 1921, says Consul Langdon, Antung.



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When ordering card bands state make of card and size of doffer. With this information we guarantee correct fit, both diameter and length, of any band for any make of card.

SOUTHERN TEXTILE BANDING MILL

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Paints for Mill and Village



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For
Interior
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Exterior

Atlantic Paint & Varnish Works
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Spins Better — Less Waste

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J. S. P. Carpenter, Treasurer D. A. Rudisill, Secretary

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Cotton Piece Goods and Cotton Yarns

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The Yarn Market

Philadelphia, Pa.—Last week was a very encouraging one in the yarn market. There was a very strong demand for yarns, covering a wide range of numbers and prices showed a very stiff upward movement. The call for weaving yarns was especially strong, and some counts advanced as much as three cents a pound. Many buyers who have been holding off the market for some time back, were in the market at frequent intervals and took substantial quantities of yarn, their orders covering practically the full range of weaving yarns.

The demand for knitting yarns, while not as strong as for weaving yarns, has gained much strength and it is freely predicted that buyers of these yarns will within a short time pay much higher prices. Present quotations are not as uniform as those for weaving yarns and show considerable variation. With the larger production in the knitting yarn end, sales are not making for the sold up condition that now prevails in many plants making weaving yarns, but the volume of business in knitting yarns is considerably larger than many factors believe.

Buying during the week was not only much larger than it has been for some time, but was much more general. A number of houses handling wide ranges of yarns report that they are getting orders for everything from carpet yarns to 40s. The spurt in weaving yarns has placed them considerably above knitting yarns in comparative value, and prices on knitting yarns are now very attractive, and this fact is believed to foreshadow a very active demand from the knitters.

Prices were quoted as follows:

Southern Two-Ply hain Warps, Etc.	
10s to 14s	36 1/2 @
2-ply 16s	38 1/2 @
2-ply 20s	40 @
2-ply 24s	42 1/2 @
2-ply 28s	45 @
2-ply 32s	47 1/2 @
2-ply 36s	50 @
2-ply 40s	52 1/2 @
2-ply 44s	55 @
2-ply 48s	57 1/2 @
2-ply 52s	60 @
2-ply 56s	62 1/2 @
2-ply 60s	65 @
2-ply 64s	67 1/2 @
2-ply 68s	70 @
2-ply 72s	72 1/2 @
2-ply 76s	75 @
2-ply 80s	77 1/2 @

Southern Two-Ply Skeins.	
5s to 10s	37 @
10s to 12s	37 1/2 @
14s	38 @
16s	39 @
20s	40 @
24s	41 @
30s	42 1/2 @
36s	44 @
40s	45 @
44s	46 1/2 @
48s	48 @
52s	49 1/2 @
56s	51 @
60s	52 1/2 @
64s	54 @
68s	55 1/2 @
72s	57 @
76s	58 1/2 @
80s	60 @

Tinged Insulating Yarns.	
6s, 1-ply	30 @
8s, 2, 3 and 4-ply	32 @
10s, 1-ply and 2-ply	33 1/2 @
12s, 2-ply	36 @
20s, 2-ply	39 @
24s, 2-ply	41 @
28s, 2-ply	43 @
32s, 2-ply	45 @
36s, 2-ply	47 1/2 @
40s, 2-ply	50 @
44s, 2-ply	52 1/2 @
48s, 2-ply	55 @
52s, 2-ply	57 1/2 @
56s, 2-ply	60 @
60s, 2-ply	62 1/2 @
64s, 2-ply	65 @
68s, 2-ply	67 1/2 @
72s, 2-ply	70 @
76s, 2-ply	72 1/2 @
80s, 2-ply	75 @

Duck Yarns.	
3, 4 and 5-ply	35 @
8s	36 @
10s	37 @
12s	38 @
14s	39 @
16s	40 @
20s	41 @
24s	42 1/2 @
30s	44 @
36s	45 @
40s	46 1/2 @
44s	48 @
48s	49 1/2 @
52s	51 @
56s	52 1/2 @
60s	54 @
64s	55 1/2 @
68s	57 @
72s	58 1/2 @
76s	60 @
80s	62 1/2 @

Southern Single Chain Warps.	
6s to 10s	36 @
10s to 12s	37 1/2 @
14s	38 @
16s	39 @
20s	40 @
24s	41 @
30s	42 1/2 @
36s	44 @
40s	45 @
44s	46 1/2 @
48s	48 @
52s	49 1/2 @
56s	51 @
60s	52 1/2 @
64s	54 @
68s	55 1/2 @
72s	57 @
76s	58 1/2 @
80s	60 @

Southern Single Skeins.	
6s to 8s	35 @
10s	35 1/2 @
12s	36 @
14s	37 1/2 @
16s	38 @
20s	39 @
24s	40 @
30s	41 @
36s	42 1/2 @
40s	44 @
44s	45 @
48s	46 1/2 @
52s	48 @
56s	49 1/2 @
60s	51 @
64s	52 1/2 @
68s	54 @
72s	55 1/2 @
76s	57 @
80s	58 1/2 @

Southern Frame Cones.	
8s	33 1/2 @
10s	34 1/2 @
12s	35 1/2 @
14s	36 @
16s	37 @
18s	38 @
20s	39 @
22s	40 @
24s	41 @
26s	42 @
28s	43 @
30s	44 @
32s	45 @
34s	46 @
36s	47 @
38s	48 @
40s	49 @
42s	50 @
44s	51 @
46s	52 @
48s	53 @
50s	54 @
52s	55 @
54s	56 @
56s	57 @
58s	58 @
60s	59 @
62s	60 @
64s	61 @
66s	62 @
68s	63 @
70s	64 @
72s	65 @
74s	66 @
76s	67 @
78s	68 @
80s	69 @

Southern Combed Peeler Skeins, Etc.	
2-ply 30s	60 @
2-ply 36s	70 @
2-ply 40s	72 1/2 @
2-ply 50s	85 @
2-ply 60s	95 @
2-ply 70s	1 05 @
2-ply 80s	1 15 @

Combed Peeler Cones.	
10s	49 1/2 @
12s	50 @
14s	50 1/2 @
16s	51 @
18s	52 @
20s	53 @
22s	54 @
24s	55 @
26s	56 @
28s	57 @
30s	58 @
32s	59 @
34s	60 @
36s	61 @
38s	62 @
40s	63 @
42s	64 @
44s	65 @
46s	66 @
48s	67 @
50s	68 @
52s	69 @
54s	70 @
56s	71 @
58s	72 @
60s	73 @
62s	74 @
64s	75 @
66s	76 @
68s	77 @
70s	78 @
72s	79 @
74s	80 @
76s	81 @
78s	82 @
80s	83 @

Eastern Carded Peeler Thread Twist Skeins.	
20s, 2-ply	48 @
22s, 2-ply	49 @
24s, 2-ply	50 @
30s, 2-ply	56 @
36s, 2-ply	64 @
40s, 2-ply	66 @
45s, 2-ply	70 @
50s, 2-ply	78 @

Siamese Cotton Goods Imports.

During May, 1922, 443,500 square yards of cotton prints were imported into Siam from the United Kingdom, according to a report to the Department of Commerce from Vice Consul Hanson, at Bangkok. Cotton piece goods of all kinds imported in the same month totaled 2,400,000 square yards, compared with 618,000 square yards in May, 1921, and 2,300,000 square yards in May, 1920.

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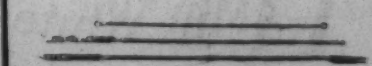
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Cotton Goods

New York.—The cotton goods markets were firm and active during the week. Most of the sales were for comparatively small lots, but the orders were steady and the total ran into high figures. The demand for wash fabrics showed that buyers were inclined to order much further ahead. Gingham were in good demand and sales were large. Crepes, ratines, and similar goods were also very active.

In the unfinished lines, business continued steady and active, the demand for finer cloths showing marked improvement. There was a continued buying movement in heavy goods and many of the mills are now comfortably sold ahead, some of them being willing to take orders into the spring of next year.

Heavy twills and drills for many manufacturing purposes were sold on contract for delivery into the first quarter of the year. There was a continued steady demand for print cloths, sheetings and fine cloths.

Sales of 39-inch 56x44s were made at 8c, 44-inch 48 squares at 8 1-2c, 68x72s at 3-8c and some spoe 64x60s at 9 1-2c. Inquiries for small lots of odd widths and counts were numerous, small lots as a rule being asked for.

Sheetings were firm. Sales of 31-inch 5-yard goods were made at 8 1-8c and 6.15s brought 7 1-4c. Some houses will not sell 5.50s under 8 1-4c but they are still available at 1-8c less in some places. Wide and heavy shoe drills and twills sold freely the two-yard goods bringing 20c for substantial contracts. The best that is possible on 37-inch 3.95 yard goods is 11c and that is not obtainable in all quarters.

Inquiry and trading have become more active in some of the fine plain goods, buyers seeming to think that the moderate advances asked for contracts may prove to be low when mills are able to tell more of the cost of staple cotton.

Cotton duck contracts accepted generally run up to January 1. Beyond then mills are asking higher prices than on contracts for delivery before that date. Advances range between 1-4c and 1-2c. Contracts in hose and belting duck have been averaging 50,000 pounds with a number of mills. The rubber trade is the principal buyer of these shoe drills and twills are also quoted higher into the next year. To some extent these advanced quotations keep the bulk of business transpiring within a three months' period.

There is more elasticity in silk and cotton prices. Quotations have not been lowered although raw silk prices have eased slightly. In 96x100 32 1-2c is asked by some mills. Tus-

sacks are advanced one cent but some goods can still be found at old prices.

Tire fabric quotations are unaltered. A few mills are preparing to hold slight inventories of stock. More corded fabrics looms are being engaged than heretofore.

The situation in combed lawns is steadily growing stronger, and is being reflected by incidents that come to light from day to day. Goods at certain of the recent low prices are no longer obtainable and, in numerous instances, mills are holding for advances. Comment has been heard regarding the situation in 30-inch combed lawns. For 30 inch, 76x72, 12.50 yard, contract, 10 1-2 cents was reported paid, and 12 cents paid for spots of choice make 30 inch, 88x80, 11.35 yard; 15 cents paid for spots of 40 inch, 88x80, 8.50 yard. Several mills are now asking 18 cents for 96x100, 7.00 yard, and 16 3-4 cents for the 96x92, 7.50 yard. Sports of the latter sold at 16 1-2 cents—and a sale at 17 cents, presumably the result of a special circumstance, was reported.

Contract of 68x56, 11.00 yard or-gandie at 10 3-4 cents has been reported sold.

Spots of 40-inch, 72x68, 9.50 yard sold at 12 1-4 cents.

Quotations were as follows:

Print cloths, 28-in., 64x64s.....	7 1/2
Print cloths, 28-in., 64x60s.....	7 1/4
Print cloths, 27-in., 64x60s.....	7
Gray goods, 88 1-2-in., 64x64s..	9 1/2
Gray goods, 39-in., 68x72s.....	10 1/2
Gray goods, 39-in., 80x80s.....	13
Brown sheetings, 3-yard.....	12 1/2
Brown sheetings, 4-yard.....	11 1/2
Brown sheetings, So. Std.....	13 1/2
Ticking, 8-ounce	26
Denims, 2.20	10 1/2 a 20 1/2
Staple gingham	14 1/2
Dress gingham.....	18 a 20 1/2
Standard prints	10 1/2
Kid finished cambrics	9 a 11

Argentine Woolen Felt Market.

There are six mills in Argentina manufacturing wool felt besides a large number of hat factories that make and employ woolen felt instead of fur felt, says Trade Commissioner Brady in a special report to the Department of Commerce. Pressed woolen felt is used as a covering for polishing wheels and rollers in shoe factories, and shoe machinery importers offer a market for American pressed felt. Imports of felt into Argentina during 1913 came principally from Germany and Great Britain. In 1920 imports amounted to 85,000 pounds, of which 36,000 came from Great Britain, 28,000 from the United States and the remainder from Germany.

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Wanted: Draper Loom fixers. Good pay, good running work, good town. Apply E. C. Turner, care Royal Mills, Charleston, S. C.

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Thirty-three 7x3½ H. & B. American Machine C. O. speeder flyers new, never been out of box. Cost \$3.00. Subject to previous sale offer any or all at \$2.00 each. Avondale Cotton Mills, Humbolt, Tenn.

Position Wanted.

Overseer of weaving with 15 years' experience on plain and fancy dobby goods is open for a position. Best of references regarding ability, character, etc. Apply "W," care Bulletin.

Knitting Equipment Wanted.

A full equipment for a knitting mill with 300 dozen capacity of ladies' hosiery per day. The machinery must be in A-1 condition. State lowest cash price. Apply E. W. Tart, Box 11, Fayetteville, N. C.

Wanted.

First-class Band Instructor who also works in the mill. References required. Address, E. G. Carson, North Charlotte, N. C.

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One or two accounts of lines selling to Textile Mills by an organization with three salesmen covering Southern Mills—commission basis. Address Efficiency, Textile Bulletin.

Representative Wanted for South.

We desire to secure the services of a representative calling on Southern mills. One having experience preferred to handle our line of Soluble Oils, Softeners and sizing products of the very highest merit. If you are a go-getter and can produce we will give you the proper backing. Address "E. F. D." care Southern Textile Bulletin.

Cotton Mill Accountant.

Wanted: Thoroughly experienced Cotton Mill Accountant and Auditor for Southern mill. Give full reference and experience in application. Address Auditor, care of Southern Textile Bulletin.



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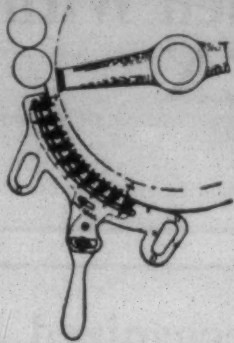
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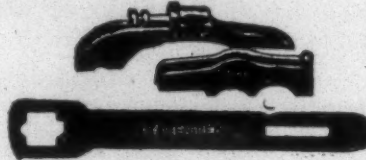


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Description of Exhibits

Wadesworth, Howland and Co.

At space 431 Wadsworth, Howland Company had an attractive display of samples of their various paints, including the well-known "Dixie-lite" that has been very widely used in Southern mills for many years. The exhibit was in charge of Mr. Williams.

Clipper Belt Lacer Co.

Clipper Belt Lacer Company, in addition to showing samples of their product, including the three different types of Clipper Belt Lacing Machines, Clipper Carded Hooks, etc., had a moving belt exhibit in front of their booth.

The moving belt, made entirely of aluminum, running on ball bearings, consisted of a number of slow medium and fast running belts. One belt ran on a quarter turn with a special adjustment; three belts were run in tandem, one over the other and the whole exhibit was designed to show how adaptable "Clipper" belt lacing is for all kinds of drives in cotton mills. The exhibit was in charge of Factory Representative W. E. Russismelle.

Whitinsville Spinning Ring Co.

Whitinsville Spinning Ring Company, showed a large variety of rings, holders, guides, wire sets and traveler cups. S. F. Brown, agent, and E. B. Smith, traveling representative, were in charge.

Trade Publications.

The following textile and other trade journals had exhibits at the Exposition: American Wool and Cotton Reporter; Cotton, Manufacturers Record; Southern Textile Bulletin, Textile Digest, Textile World, Textile Home, Textiles.

Armour Soap Works.

Armour Soap Works, owned and operated by Armour & Company, 1355 West 31st St., Chicago, Ill., displayed in space No. 425, textile laundry and bar soaps, including washing powders; in fact, a full line of soaps for all purposes, and particularly their textile numbers, flint shredded, palm textile and olive la perla. They were represented by Chas. B. James and J. W. Eliel.

General Electric Company.

The General Electric Company Schenectady, N. Y., had an exhibit on the second floor, occupying six of the standard Booths, 432-434 and 459-461, and a number of the company's representatives were on duty there throughout the entire show. The exhibit was in charge of Edwin M. Clapp, textile specialist, Atlanta District.

The General Electric Company showed samples of their most up-to-date equipment of interest to electrically operated mills; that is, motors from the small size, individually driven loom motors, through the range, up to and including group drive type and four-frame motors; control devices, switches, transformers, incandescent lamps, etc.

The Bahnson Company.

The Bahnson Company, of Winston-Salem, N. C., have two of their latest model humidifier heads in operation and called special attention to their automatic control Smith Williams, their Southern sales manager, is in charge of the exhibit.

Grinnell Company.

The Grinnell Company, in spaces 1001 to 1008, had an interesting exhibit in the interest of their well known line of industrial piping, automatic sprinkler, textile sizing, and drying machinery.

Atlanta Brush Co.

Some years ago when the present management of the Atlanta Brush Company took over the Felton Brush Company, of that city, they were confronted with the difficulty of finding a suitable name that would identify their textile products, as the trade name "Felco" was no longer appropriate.

However, in order that the textile industry might know that the same organization that made the "Felco" brushes were still in their employ, the company continued using the name "Felco" to some extent as they were entitled to by their agreement with the Felton Company.

But, gradually, as the Atlanta Brush Company brushes came to be appreciated for their own worth this name was discarded and the brushes became known as the Atlanta Brush Company brushes.

Search then began for a shorter name—a name that would stick in the customers mind and identify their product.

So, the name "Perkins Practical Brush" was decided upon. They were named for T. C. Perkins, the president of the Company.

The "Practical" part of the name was inserted, because in the years the Perkins management they controlled the production of these brushes, they have been developed along the line of practical suggestions which they have sought from mill men all over the South.

They were displayed in booths number 439 and 440 at the Greenville Exposition.

Minter Homes Co.

The Minter Homes Company, in spaces 422 to 424, had an attractive display devoted to the industrial house which they manufacture.

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Our highly developed service laboratories are prepared to furnish formulas for the duplication of any of these shades on your own material. Every different fabric or material requires a little different treatment or perhaps a different selection of colors and very often the fastness requirements for one line are entirely different than for another. We are prepared to submit formulas to meet your own requirements and our practical mill demonstrators will, on request, assist you in obtaining the results in your own dyehouse.

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Southern Mills Should Convert Their Own Goods.

Southern mills will get a better return on their investments by doing more of their own converting, says James D. Hammett, president of the Orr Cotton Mills, Anderson, S. C., writing in the September 13 issue of "Commerce and Finance."

"Cotton manufacturing as one of the large industries of the country with direct connection with a larger percentage of the population of the country than perhaps any other than the industries manufacturing foodstuffs," says he, "receives its full share of attention. When prices of its product are not in line with the ideas of the majority, it receives criticism regardless of ignorance as to the cost of production. Being corporate in organization it receives the criticism of a large percentage of the people, who ignorantly and sometimes viciously forget that corporate wealth is simply the gathering together of the savings of the masses for the conduct of a business that is too large for the individual to finance. Again, we are criticized as to prices for the finished product, when, as a fact the merchant is selling over the counter a fabric that was necessarily manufactured months previous to the date of sale to the individual customer and when conditions as to cost were possibly very different. The manufacturer has no control over the price charged by the converter, the wholesale merchant, or the retail merchant to the trade, and does not wish to control the actions of these individuals."

The cotton manufacturing industry is peculiar in that the initial cost is very large per unit and the value of the annual product of a print cloth mill, which is about an average plant, is seldom in excess of the cost of the plant. At present the value of the annual product would not be in excess of one-half the cost of building a new plant. Because the turnover of a cotton mill is only once per annum close attention is required on the part of the management to earn a sufficient sum to care for depreciation and to return to shareholders a reasonable return on the investment. Personally, I feel the tendency in the future will be for the individual plant, or a group of plants, to operate converting plants in connection with their business, and offer to the trade a converted garment or commodity, and in that way secure to the industry a more equitable and fair return on its investment.

Cotton Stocks Low in Europe.

Dallas, Tex.—Texas cotton men who have recently toured Europe, return to the United States with the declaration that stocks are generally below normal in those countries, and the tendency now is to buy slowly and cautiously. The American cotton men hope, however, that a much stronger demand will set in shortly.

Among Dallas cotton men who have recently returned from Europe are Franz Brass and J. L. Goldman, president of the Dallas Cotton Exchange.

"Present estimates of merchants indicate that consumption in Germany and Austria this year will be about 65 per cent of last year," said Mr. Brass, "and they base their conclusions on the monetary situation. In Czecho-Slovakia money has advanced over a year ago. Then \$1 equaled about 100 Czecho crowns, and now the ratio is \$1 to about 35 crowns. That means greater buying power and Czecho-Slovakia probably will buy on a larger scale than last year. The fact remains that they will be handicapped in selling to their neighbors but they have the advantage of buying American cotton cheaper relatively than their neighbors and accordingly can offer cheaper products in competition."

"The tendency is to fill requirements from month to month rather than enter the market in this country on a larger scale, but stocks are low in those countries and I expect heavier buying to follow a little later. In Switzerland they are operating virtually on a gold par exchange rate and Swiss buying will be to their full capacity. Some years Switzerland has taken as high as 100,000 bales of American cotton but I believe it is usually below that amount."

Dutch textile mills are reported by Consul Mahin, Amsterdam, to be fairly prosperous after weathering two difficult years. The artificial silk industry near Arnhem has developed to such an extent during the last few years that a new mill has been erected and has begun operations. This mill reports a considerable trade with the United States.

The New Zealand wool manufacturing industry is well organized and in a fairly satisfactory position, according to a report to the Commerce Department by Vice Consul Moran, Wellington. However, it is not yet able to supply the requirements of the country, and large quantities of piece goods, clothing, blankets and rugs continue to be imported.

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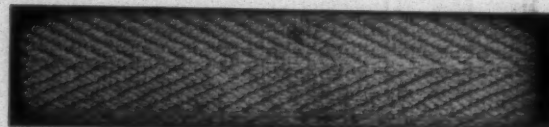
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Production of cotton manuf. reported as progressing owing to the turees was maintained at Lodz fall of the Polish mark, these sales during July, says Trade Commission—having been made principally to er Smith, Warsaw. Export sales to the Baltic States, Rumania, Hun- finished goods have recently been gary and Scandinavia.

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We are listing below our invoices for Power, beginning with March.

March 1921	-	\$39.35
April 1921	-	38.64
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June 1921	-	25.68
July 1921	-	22.88

You will note the decided drop in June and July. This, of course, is what is of most interest to us.

At time of purchase of Fafnir Bearing our power consisted of 2- 5 H. P. Electric Motors and power consumption of Line Shafts as indicated by Westinghouse Electric Co., test was 2.9 H. P. and since the installation we have discontinued the use of 1-5 H. P. Motor and our test by Westinghouse Co. show on same line shaft a power consumption of 1.5 H. P.

Should you wish to bring any one in to see our installation or refer any prospective customer to us, we will gladly grant you this privilege.

Yours truly,

WUEST BROS.

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Fafnir Double Ball Bearing Hanger Boxes save a vast amount of power in transmission. This letter (sent to one of our Distributors) is particularly impressive because it translates this saving into dollars and cents.

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